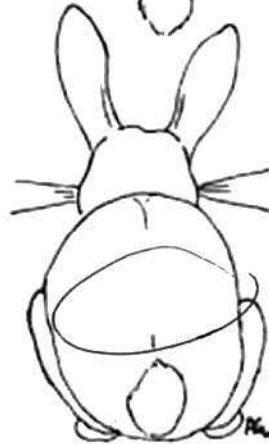
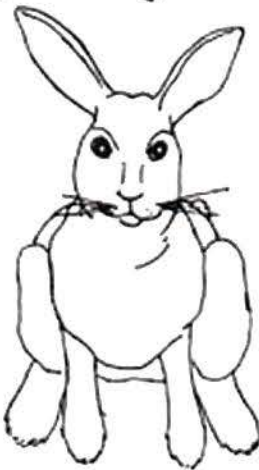
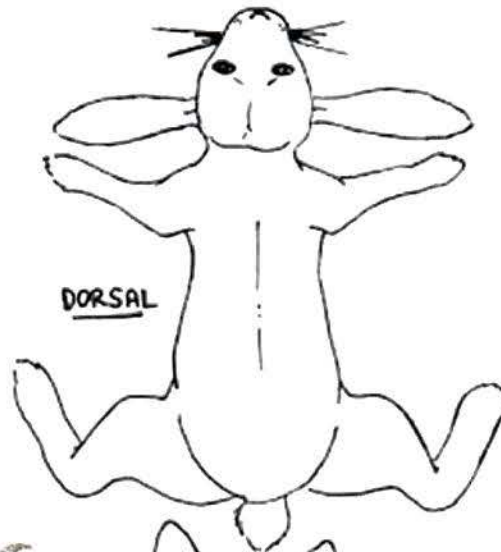
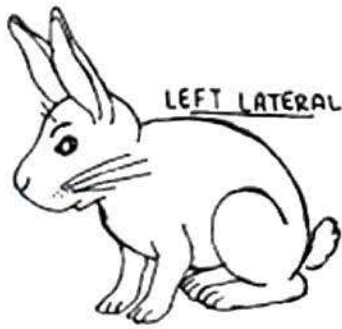


Tex

#101

part 1



very thin
very little muscle

Natal Animal Clinic, Inc. 420 Ukulu Street, Kauai, HI 96734 808-262-9621

~~101~~

~~Tex~~

101

Tex

12/21/21

- ⑤ slowing down, eating well
not as interactive; doesn't want
to be handled
- ⑥ feet OK hair epulates
very thin easily; ? thoracic
- (AIP) monitor DDx thymoma?

SMALL MAMMALS PATIENT EXAMINATION FORM RT CARD

1. Coat/Fur & Skin

Appears normal Dull/Dry
Sealy Scabs
Infection Shedding
Matted Tumors
Itchy Hair Loss

2. Eyes

Appears Normal Discharge
Inflamed Infection
Eyelid Deformities Ulcer: L R
Cataract: L R

3. Ears

Appears Normal Inflamed: L R
Dirty Mites
Tumor: L R Infected
Excessive Hair Painful

4. Nose

Appears Normal Nasal Discharge
Other:

5. Mouth, Teeth, Gums

Appears Normal Broken Teeth
Tartar Buildup Tumors
Overgrown Incisors Inflamed Lips
Overgrown Molars Periodontal Disease
Overgrown roots Abscessed

6. Legs & Paws

Appears Normal Joint Problems
Nail Problems Lameness
Other:

7. Heart

Appears Normal Fast
Slow Irregular
Murmur

8. Lungs

Appears Normal Coughing
Abnormal Sound Congestion
Rapid Respiration Dyspnea

9. Abdomen

Appears Normal Abnormal Mass
Enlarged Organs Tense/Painful
Fluid Swollen

10. Gastrointestinal System

Appears Normal Abnormal Feces
Stasis/ Impaction Parasites
Anorexia

11. Urogenital System

Appears Normal Abnormal Urination
Mammary Tumors Genital Discharge
Abnormal Testicles

12. Weight

Normal 3.73 kg 10% Wt
Heavy By: Thin By: 1/2021

TESTS NEEDED:

Annual Blood Work
Urinalysis
Fecal Examination
Spay / Neuter
Microchip
Skin Scraping
Fungal Culture
Ear Cytology

RECOMMENDATIONS:

Cage Change:
Bedding Change: Change Type
Diet Change: Please see handout

Tech Initials: _____

Temp: _____

Weight: _____

Appetite: normal / increased / decreased

Water Intake: normal / increased / decreased

Coughing: No / Yes, Frequency: _____

Sneezing: No / Yes, Frequency: _____

Urination: normal / increased / decreased

Attitude: normal / abnormal

Feces: normal / abnormal

Presented For: A Every 6 mo exam

Historical Issues/ Medications: thin; elderly

Current Diet: Hay, veg, pellets; veg treats

Examination:

S/O Staff notes acting abnormal; less interactive. Reluctant to be handled

Wt 3.73 kg 10% from Jan

Alc endpt 15% wt loss

Very thin; 1/2 muscle mass back,

legs. Feet ok; Fur epilates easily

A. Discussed w/ ACS re monitor behavior + attitude. DDX thymoma?

P. watch further wt loss + behavior

Critical care 2x 1 week

1 panel ch

Doctor: Doctor's name, DVM Need: prn In: _____ Days

DIAGNOSIS OR PROBLEMS

PROGNOSIS

DIFFERENTIAL DIAGNOSIS

PLAN

Hospice

Supportive care

Continue care

Today's Date: 1/21/21

Chart #: _____

Species/ Breed: Rabbit NZW

DOB: 5/2014

Pet's Name: Tex 101

Last Name: _____

Color: _____

Sex: M

AHR Number: 2109-

Close Date: _____

Room: A 486B**US EPA RTPP Campus Animal Health Report**

AHR: 21093

Date : 7/14/21

Time 12:00pm

Investigator: [REDACTED]

ACUP: 22-04-001

Animal room: A 486B

Technician: [REDACTED]

Species/Strain: rabbit /NZ

Animal I/D/cage #: 101

Sex: M

DOB: 5/7/14

Date received: 11/05/14

Gradual weight loss

Tex

Treatment Sheet Needed?

Yes ☒ No ☐

Date Completed _____

Date	Time	Notes	Initials
7/14/21	12:30pm	Male rabbit that has had a gradual weight loss since the 1/4/21 weight was 4.18Kg and is now 3.74Kg P: Critical care 1x a day 2x,s a week	[REDACTED]
7/15/21	11:00AM	BARH Eating + Drinking	[REDACTED]
7/19/21	1:00pm	BARH Eating + drinking wt - 3.74kg	[REDACTED]
7/21/21	1:00pm	BARH Eating + drinking	[REDACTED]
7/22/21	11:00AM	BARH Eating + drinking	[REDACTED]
7/23/21	12:00pm	BARH Eating + drinking	[REDACTED]

Rev 10-2019

LJ

BARH = Bright, Alert, Responsive, Hydrated

BNP = (topical) Antibiotic ointment with

Bacitracin, Neomycin, Polymixin

SID = Once daily; BID = Twice daily

ATTACH ANY TREATMENT SHEETS TO RECORD AFTER CLOSURE

AHR # 21093Room number A486B

Investigator

7/26/21	11:00am	BARTH	Eating & drinking	
7/27/21	12:00pm	BARTH	Eating & drinking	
7/29/21	12:00pm	BARTH	Eating & drinking	
7/30/21	1:00pm	BARTH	Eating & drinking out critical care	
8/3/21	1:00pm	BARTH	Eating & drinking weight stable	
8/9/21	12:45pm	BARTH	Eating & drinking wt. 3.75kg same weight as last week	
8/11/21	1:00pm	BARTH	Eating & drinking	
8/12/21	1:30pm	BARTH	Eating & drinking	
8/13/21	1:10pm	BARTH	Eating & drinking	
8/16/21	2:00pm	BARTH	Eating & drinking wt 3.23kg	
8/17/21	12:00pm	BARTH	Eating & drinking	
8/18/21	11:30pm	BARTH	Eating & drinking	
8/20/21	2:00pm	BARTH	Eating & drinking	
8/23/21	2:00pm	BARTH	Eating & drinking wt 3.23kg	
8/25/21	1:30pm	BARTH	Eating & drinking	
8/30/21	1:30pm	BARTH	Eating & drinking wt 3.73kg	
		BARTH. monitor	W	
9/2/21	1:30pm	BARTH	Eating & drinking	
9/7/21	10:40am	BARTH	Eating & drinking wt 3.70kg weight stable	

104

- 9/8/21 11:50 am BARTH eating + drinking
- 9/10/21 1:34 pm Gave critical care
BARTH eating + drinking
- 9/13/21 11:40 AM BARTH eating + drinking
weight 3.71 kg weight is stable -
- 9/21/21 9:00 AM BARTH - eating + drinking
- 9/21/21 BARTH wt 3.76 kg Monitor Jg
- 9/23/21 BARTH eating + drinking
- 9/24/21 2:30 pm BARTH eating and drinking
- 9/27/21 1:00 pm BARTH eating + drinking wt 3.75 kg
weight is stable.
- 9/28/21 11:30 AM BARTH no change
- 9/30/21 12:41 pm BARTH eating and drinking
- 10/4/21 11:20 AM BARTH eating and drinking
weight 3.74 kg stable
- 10/6/21 BARTH eating and drinking
- 10/7/21 BARTH eating and drinking
- 10-12-21 11:00 AM BARTH eating and drinking
- 10-14-21 11:20 AM BARTH eating + drinking

AHR Number: 21093Date Opened: 7/1/21Room: A 486 B

Date Closed: _____

US EPA RTP Animal Treatment Sheet

Species rabbitStrain N2Sex MID# 101Clinical Diagnosis: weight loss

Treatment	Route	Volume	Frequency
1. <u>Give critical care</u>	<u>ix</u>	<u>a day</u>	<u>2x a week</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____

Date	Time	Initials	Notes
7/14/21	12:30		critical care <input checked="" type="checkbox"/>
7/15/21	12:00 PM		critical care <input checked="" type="checkbox"/>
7/19/21	1:00 PM		critical care <input checked="" type="checkbox"/>
7/22/21	11:00 AM		critical care <input checked="" type="checkbox"/>
7/26/21	11:00 AM		critical care <input checked="" type="checkbox"/>
7/30/21			out of critical care
8/12/21	1:30 PM		Gave critical care
8/13/21	1:00 PM		Gave critical care
8/14/21	2:00 PM		Gave critical care
8/18/21	11:20 AM		Gave critical care
8/19/21	1:30 PM		Gave critical care
8/24/21	1:30 PM		Gave critical care
8/25/21	2:00 PM		Gave critical care
8/31/21	1:15 PM		Gave critical care
9/2/21	1:30 PM		Gave critical care
9/7/21	10:40 AM		Gave critical care
9/8/21	11:45 AM		Gave critical care
9/13/21	11:30 AM		Gave critical care
9/14/21	12:14 PM		Gave critical care
9/22/21	12:30		Gave critical care
9/28/21	11:15 AM		Gave critical care
9/30/21	12:45 PM		Gave critical care
10/5/21	1:15 PM		Gave critical care

Rev 12-2019 LJ

BAR = Bright, Alert, Responsive

BNP = Bacitracin, neomycin, polymyxin= Triple Antibiotic Ointment

SID = Once daily; BID = Twice daily; TID = Three times daily

CTM = Continue monitoring

ATTACH ANY TREATMENT SHEETS TO RECORD AFTER CLOSURE

Date	Time	Initials	Notes
10/12/21	11:30pm		Gave critical care
10-12-21	11:00 AM		Gave critical care
10-14-21	11:20 AM		Gave critical care
10-18-21	11:50 AM		Gave critical care
10-21-21	1:00pm		Gave critical care
10-25-21	11:25 AM		Gave critical care
10-28-21	12:54		Gave critical care
11/1/21	12:45		Gave critical care
11/5/21	11:00pm		Gave critical care
11/8/21	1:00pm		Gave critical care
11/12/21	12:30pm		Gave critical care
11/16/21	11:00		Gave critical care
11/18/21	12:00pm		Gave critical care
11/22/21	12:24		Gave critical care
11/23/21	11:20 pm		Gave critical care

AHR: 21093 Animal ID#: 101 Room: A486B Investigator: [REDACTED]

Date	Time	Initials	Notes
10-15-21	12:45p	[REDACTED]	BARH Eating and drinking
10-18-21	11:50AM	[REDACTED]	BARH Eating and drinking wt <u>3.68kg</u> stable
10-19-21	10:50	[REDACTED]	BARH Eating and drinking
10-20-21	11:00AM	[REDACTED]	BARH Eating and drinking nails clipped
10-21-21	1:00pm	[REDACTED]	BARH Eating + drinking
10-22-21	1:30pm	[REDACTED]	BARH Eating + drinking
10-25-21	11:25AM	[REDACTED]	BARH Eating + drinking wt <u>3.69kg</u>
10-27-21	11:30AM	[REDACTED]	BARH Eating and drinking feces normal
10-28-21	1:00 pm	[REDACTED]	BARH Eating and drinking
10-29-21	1:00pm	[REDACTED]	BARH Eating and drinking
11-1-21	12:00pm	[REDACTED]	BARH wt <u>3.68kg</u> stable Eating and drinking
11-3-21	11:30AM	[REDACTED]	BARH Eating + drinking normal
11-5-21	1:00pm	[REDACTED]	BARH Eating + drinking feces normal
11-8-21	1:30pm	[REDACTED]	BARH Eating + drinking
11-10-21	12:00pm	[REDACTED]	BARH Eating + drinking feces normal
11-12-21	12:20	[REDACTED]	BARH Eating + drinking
11-15-21		[REDACTED]	BARH Eating + drinking
11-18-21		[REDACTED]	BARH Eating + drinking

11/16/21 11:00 AM BH Tex 101 eating and drinking
 11/19/21 2:00pm BARKH eating and drinking
 11/22/21 1:00pm BARKH eating & drinking
 11/23/21 11:30 AM BARKH eating & drinking
 11/30/21 BARKH Monitor LG

12/02/21 S/O BARKH. Staff noted that Tex has not been acting normally this week, reluctant to be handled, not as interactive. WT 3.73 kg
 Exam - Very thin. No obvious lesions
 Very little muscle. Feet OK

(A) Discussed w/ rabbit ACS. Monitor behavior
 (P) + attitude. watch for weight loss or behavior Δ.
 At 10% unless run.

WT 11/19/21
4.16 kg
 0.624 kg

LG

15% = 3.53
 10% = 3.7

12/4/21 BARKH eating and drinking
 feces normal

BARKH Eating & drinking.

12/13/21 WT 3.72 kg

12/16/21 WT = 3.63 kg - Very thin

12/17/21 WT = 3.69 kg - ↓ muscle over hips, ribs especially and hind legs. Due to muscle loss. Recommend euthanasia. Call PR ☒ Text PR ☒

12/17/21

↑ Euthanized under

general anesthesia Propofol

w/ 1.5mls Euthanasia solution

IV. Necropsy - (R) aortal

very enlarged (L) has abscess

Spleen small. Liver ok, fat near chest? Hyponatremia?

logged ☒

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Wednesday, April 28, 2021 4:12 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie; [REDACTED]
Subject: Rabbits update 04282021

Hi all,
[REDACTED] and I did the rabbit exams today.

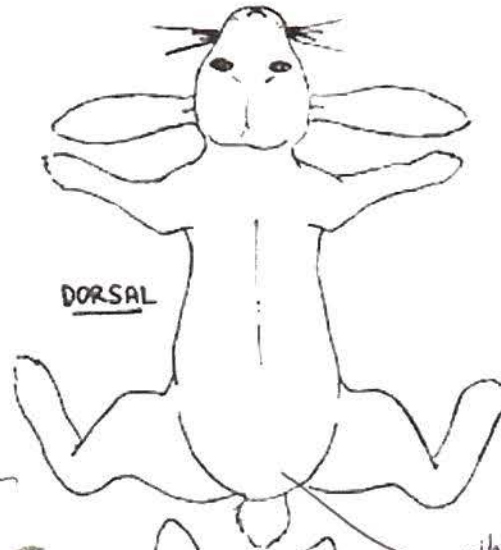
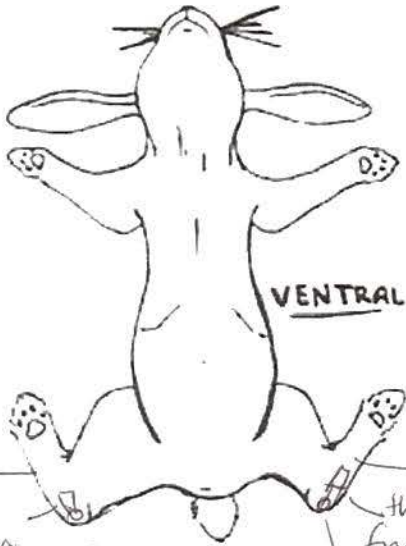
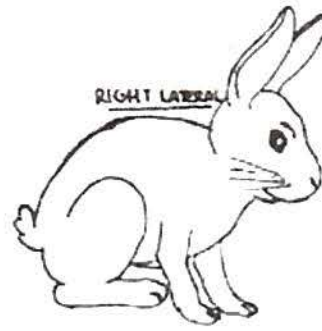
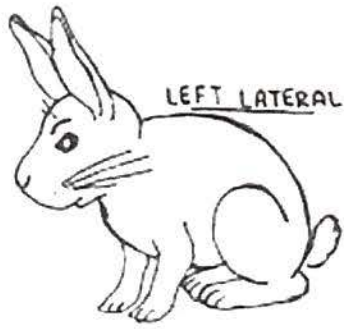
1. Tex 101. DOB 5/7/14. Weight 4/26/21= 3.85 kg. Weight 4/27/2020= 4.1 kg. Brief exam. BARH. Mild pododermatitis both hind feet, fur is thin but clean on ventral surface of feet, small areas of alopecia about 2 mm diameter circle at point of hock both feet, small rectangular areas about 1.5 cm long adjacent of alopecia.
2. Leo 102. DOB 5/7/14. Weight 4/26/21= 3.72 kg. Weight 4/27/2020= --checking-- kg. Brief exam. BARH. Very mild pododermatitis both hind feet. Fur is thin but clean on ventral surface of feet, circle of alopecia about 3- 4 mm diameter circle at point of hock both feet, small thin rectangular areas about 1 cm long adjacent of alopecia.
3. Jasper 104. DOB 5/7/14. Weight 4/26/21= 3.66 kg. Weight 4/27/2020= 3.96 kg. Brief exam. BARH. Very mild pododermatitis both hind feet. Fur is thin but clean on ventral surface of feet, circle of alopecia only 2 mm diameter circle at point of hock both feet. Small about 3 mm diameter skin / subcutaneous mass, freely movable, right lateral chest. Monitor
4. Trixie 105. DOB 5/7/14. Weight 4/26/21= 4.77 kg. Weight 4/27/2020= 4.78 kg. Brief exam. BARH. Mild pododermatitis both hind feet. Fur is thin but clean on ventral surface of feet, circle of alopecia about 3 mm diameter circle at point of hock both feet. Left hind foot has rectangular area of alopecia on lateral side of foot, no scabs or inflammation. Right hind foot has thin rectangular area of alopecia adjacent to circle. No scabs. Non-painful on abdominal palpation, uterus is enlarged, bladder palpable. A/P: Suspect uterine cancer due to age and exam. Monitor
5. Daisy 108. DOB 9/2/15. Weight 4/26/21= 3.81 kg. Weight 4/27/2020= 3.82 kg. Brief exam. BARH. Very mild pododermatitis both hind feet. Feet are very well furred. Circle of alopecia about 2 mm diameter circle at point of hock both feet. Non-painful on abdominal palpation, uterus is enlarged or thickened. Soft abdomen. A/P: Suspect uterine cancer due to age and exam. Monitor
6. Wyatt 109. DOB 5/5/18. Weight 4/26/21= 3.66 kg. Weight 4/27/2020= 3.68 kg. Brief exam. BARH. Mild pododermatitis both hind feet. Feet are dirty but very well furred. Small circle of alopecia only 2 mm diameter circle at point of hock both feet.
7. Doc 110. DOB 5/5/18. Weight 4/26/21= 3.44 kg. Weight 4/27/2020= 3.34 kg. Brief exam. BARH. Mild pododermatitis both hind feet. Very clean, well furred feet. Small circle of alopecia 2 mm diameter circle at point of hock both feet.
8. Johnny 111. DOB 5/5/18. Weight 4/26/21= 3.53 kg. Weight 4/27/2020= 3.48 kg. Brief exam. BARH. Mild pododermatitis both hind feet. Very clean, well furred feet. Small circle of alopecia 2 mm diameter circle at point of hock both feet.

Several rabbits had small scabs with tufts of fur attached behind ear or on neck. No skin lesions associated with these, no itching. Skin underlying appeared normal. Unknown cause. Took a few tufts with scab for fungal culture (dermatophyte) and a few tufts with scab for PCR. Am not suspecting anything exciting.

Thanks very much,
Leslie

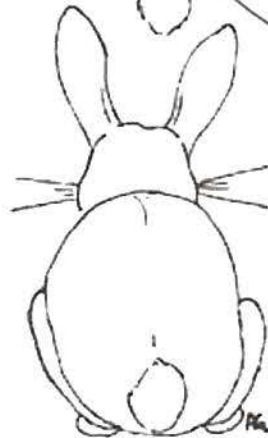
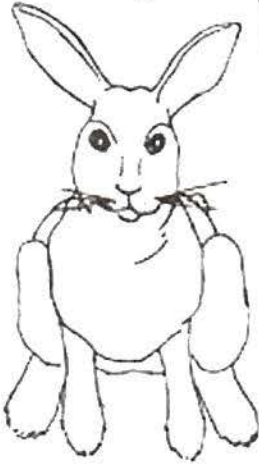
Tex 11

04/28/2021



thin fur
thin fur
thin fur
thin fur
abscissa

thin over
hips



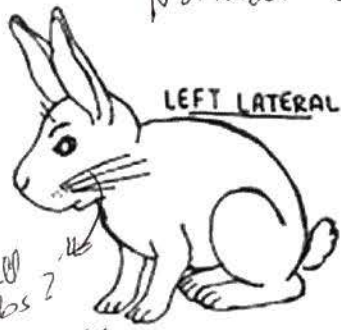
Ten 101 Re-exam 4/05/2021

DOB 5/7/14

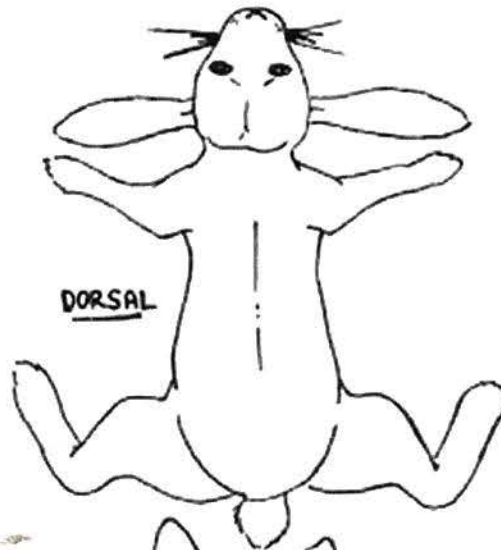
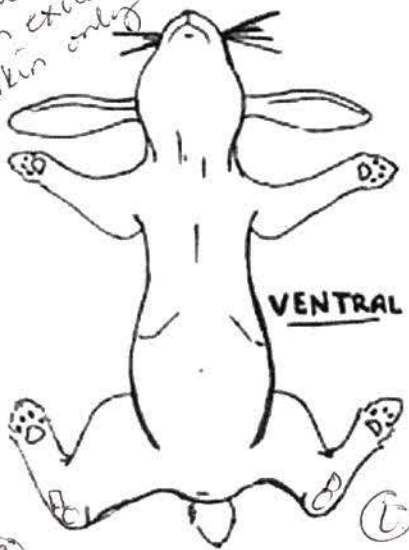
Almost 7yo

wt loss over past few months

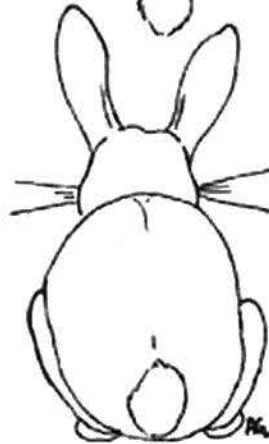
Normal appetite + feces, no behavior etc changes



small
scabs?
yellow
skin exudate
skin only



pencil
eraser
size
alopecia (P)
+ no D/D rectal



Maral Animal Clinic, Inc. 420 Uleni Street, Kailua, HI 96734 808-262-9621

HR/RR not assessed Brief exam

Abd- soft, stomach soft, non-painful

no masses palpated

Ref as needed

✓ weight weekly + send to me

L. J. J. J.

Jarrell, Leslie

Tex 101

From: Jarrell, Leslie
Sent: Wednesday, April 28, 2021 4:12 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie; [REDACTED]
Subject: Rabbits update 04282021

Hi all,

[REDACTED] and I did the rabbit exams today.

1. Tex 101. DOB 5/7/14. Weight 4/26/21= 3.85 kg. Weight 4/27/2020= 4.1 kg. Brief exam. BARH. Mild pododermatitis both hind feet, fur is thin but clean on ventral surface of feet, small areas of alopecia about 2 mm diameter circle at point of hock both feet, small rectangular areas about 1.5 cm long adjacent of alopecia.
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Thanks very much,
Leslie

AHR Number: 21035Close Date: 4/19/21Room: A 486B**US EPA RTPP Campus Animal Health Report**

Number: 21035
 Date Found: 04/05/21
 Time Found: 9:00Am
 Found by: [REDACTED]
 Room: A486B
 Investigator: [REDACTED]
 LAPR#: 22-04-001
 Species/Strain: Rabbit/NZW
 Sex: Male
 DOB: 05/07/14
 Bred:
 Date Received: 11/05/14
 Animal ID/Cage: # 101 (Tex)
 Feb weight 4.06
 March weight 3.96
 April weight 3.88

Treatment Sheet Needed?

Yes ☐ No ☒

Date Completed _____

Date	Time	Notes	Initials
4/05/21	12:00pm ^{new}	<p>Tex was marked for AHR case for weight loss and I just looked at him w [REDACTED]. He does have some weight loss over past few months.</p> <p>Brief exam- BARH, no masses palpated, mild pododermatitis both hind feet, small pencil eraser size slope via at point of hock and small rectangular area alopecia adjacent on each ventral surface. No scabs or erythema. Fur is clean.</p> <p>A: suspect dental disease, open P: recommend start alfalfa hay, he did eat some right away. Only 1 handful of alfalfa once a day, in addition to regular diet. Offer critical care slurry 2 to 3 times a week as well to increase calories and fiber. Recheck as needed.</p>	[REDACTED]
4/5/21	12:30pm	Gave critical care	[REDACTED]
4/6/21	2:00pm	Gave handful Alfa	[REDACTED]
		BARH, Eating and drinking	[REDACTED]

4/7/21	1:30pm	BARH, Eating and drinking Gave critical care Gave handful of Alfalfa	
4/8/21	11:15 AM	BARH Eating & drinking Gave handful ALFAFA	
4/9/21	12:00 AM	BARH Gave handful Alfalfa	
4/12/21	2:00pm	BARH weight 3.89 kg weight is stable Gave Alfalfa Gave critical care	
4/13/21	1:00pm	BARH Eating & drinking Gave Alfalfa at critical care overnight	
4/14/21	1:00pm	BARH Eating and drinking Gave Alfalfa gave critical care	
4/19/21	1:30	BARH Eating and drinking weight 3.89 kg has been stable, Doing well issue resolved	

Jarrell, Leslie (she/her/hers)

TEX
DOC · AHR # 20144 20143

From: [REDACTED]
Sent: Wednesday, December 2, 2020 3:13 PM
To: [REDACTED] Graff, Jaimie
Cc: [REDACTED]
Subject: AHR closures
Importance: High

Hello all,
Good news! Doc and Tex are well, so we are closing their AHR's
AHR# 20144 (Doc) closed 12/2/20 ,no blood in urine, issue resolved.
AHR# 20143 (Tex) closed 12/2/20, Tex is eating and drinking has normal amounts of feces and urine, issue resolved.
Thank You,
[REDACTED]

[REDACTED]
Veterinary Technician
[REDACTED]

MPF Federal LLC.
Contractor for U.S EPA

Jarrell, Leslie (she/her/hers)

From: [REDACTED]
Sent: Friday, November 27, 2020 10:57 AM
To: Leslie Jarrell (MPF*); Jarrell, Leslie; [REDACTED]
Cc: [REDACTED] Graff, Jaimie; [REDACTED]
Subject: RE: AHR# 20143

Importance: High

Great news ! came in hopes of good vs bad news.
Can't blame him for choosing where he eats.

[REDACTED]

From: Leslie Jarrell (MPF*) <ljarrell@mpffederal.com>

Sent: Thursday, November 26, 2020 8:01 AM

To: Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]

Cc: [REDACTED] Graff, Jaimie
<Graff.Jaimie@epa.gov>; [REDACTED]
Subject: Re: AHR# 20143

Hi all,

Good news [REDACTED] saw that Tex was eating both hay and vegetables today. He had eaten most of his carrot. He is bright and active. She will check him again before she leaves. Also she noticed that he won't eat hay places in the one front corner of his cage where he usually pees. Great job [REDACTED]

Thanks and happy Thanksgiving,
Leslie

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From: Jarrell, Leslie <Jarrell.Leslie@epa.gov>

Sent: Tuesday, November 24, 2020 4:25:02 PM

To: Leslie Jarrell (MPF*) <ljarrell@mpffederal.com>; [REDACTED]

[REDACTED] Graff, Jaimie
<Graff.Jaimie@epa.gov>; [REDACTED]

Subject: Re: AHR# 20143

Hi all,

Here is the cut and paste from previous email. [REDACTED] will give more SQ fluids later and I'll send another update then.

Yesterday early afternoon, Tex had a routine sedation with buprenorphine and midazolam, then brief isoflurane. Anesthesia was deep, so took off isoflurane, and midazolam was reversed with flumazenil. Many

areas of matted fur were clipped on his hind legs, tail, perineal region and tail base. One area on right hind leg was washed off with baby shampoo and rinsed for urine soaked mat. He had a slow and steady recovery after reversal, and was sternal and hopping after the procedure.

He is now not eating hay or pellets, but he is eating lettuce. Rose said he was hopping around fine.

1. **Please give Tex a water bottle on his cage for the next week**
2. [REDACTED] **will admin SQ fluids 200 mls**
3. **OFFER a lot of lettuce**
4. **Tomorrow please offer carrots and more lettuce.**

If he still isn't eating well tomorrow, we will discuss next steps. He is an older rabbit with chronic, moderate pododermatitis. His pododermatitis has gotten worse over the last month.

Thanks,
Leslie

From: Leslie Jarrell (MPF*) <ljjarrell@mpffederal.com>
Sent: Tuesday, November 24, 2020 4:22 PM
To: Jarrell, Leslie <Jarrell.Leslie@epa.gov>
Subject: Fwd: AHR# 20143

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From: [REDACTED]
Sent: Tuesday, November 24, 2020 3:42:22 PM
To: [REDACTED]
Cc: Leslie Jarrell (MPF*) <ljjarrell@mpffederal.com>; [REDACTED]
Subject: AHR# 20143

Number: 20143

Date Found: 11/24/20

Time Found: 12:35

Found by: [REDACTED]

Room: A486B

Investigator: [REDACTED]

LAPR#: 22-04-001

Species/Strain+ Rabbit/NZW

Sex: Male

DOB: 5/17/14


Date Received: 11/05/14

Animal ID/Cage: 101Not Eating or drinking limited amount of feces

In pan, looks groggy but still alert

Has consumed lettuce


Veterinary Technician


MPF Federal LLC.
Contractor for U.S EPA

AHR Number: 20143Close Date: 12/2/20Room: A 486B**US EPA RTPP Campus Animal Health Report**

Treatment Sheet Needed?

Yes ☒ No ☐Date Completed 12/1/20

Number: 20143

Date Found: 11/24/20

Time Found: 12:35

Found by [REDACTED]

Room: A486B

Investigator: [REDACTED]

LAPR#: 22-04-001

Species/Strain+ Rabbit/NZW

Sex: Male

DOB: 5/17/14

Date Received: 11/05/14

Animal ID/Cage: 101 Not Eating or drinking limited amount of feces

In pan, looks groggy but still alert

Has consumed lettuce

Date	Time	Notes	Initials
11/24/20		<p>Yesterday early afternoon, Tex had a routine sedation with buprenorphine and midazolam, then brief isoflurane. Anesthesia was deep, so took off isoflurane, and midazolam was reversed with flumazenil. Many areas of matted fur were clipped on his hind legs, tail, perineal region and tail base. One area on right hind leg was washed off with baby shampoo and rinsed for urine soaked mat. He had a slow and steady recovery after reversal, and was sternal and hopping after the procedure.</p> <p>He is now not eating hay or pellets, but he is eating lettuce. [REDACTED] said he was hopping around fine.</p>	[REDACTED]
11/24/20		<p>S/O : He is alert and responsive. He is not eating or drinking, not even lettuce. Small amount of feces in the cage pan and small amount of urine. His color looks normal.</p> <p>P: Gave 200mls of SQ fluids at 2:00pm along with a lot of leafy lettuce,</p> <p>At 4:40pm gave another 200mls SQ fluids, and place 2 water bottles on cage.</p> <p>The plan offer a lot of lettuce and carrots tomorrow a.m. and to reevaluate tomorrow morning.</p>	[REDACTED]

11/25/20	11:40am	<p>Thanks, Bright and alert and responsive Ate Lettuce that was given in the AM and 1/2 of carrot. Did not eat any pellets Gave 200mls SQ fluids and more lettuce little to none feces in pan. Very little amount of urine.</p>	
	4:00pm	<p>Gave 100ml SQ fluids. few more droppings in pan. Same amount of urine in pan that was there at noon. Did not eat any more lettuce or carrot or pellets that he was given at noon.</p>	
11/27/20	2:00pm	<p>BARH eating vegetables drinking, had urine and feces in cage.</p>	
11/30/20	12:00pm	<p>BARH eating & drinking looks good wt is good same as last Monday Gave xtra 'Greens'</p>	
12/1/20	9:30pm	<p>BARH eating & drinking feces in cage pan along with urine</p>	
12/2/20	10:00am	<p>BARH eating & drinking doing well AAR 20143 closed 12/2/20 Issue is resolved</p>	

AHR Number: 201.3Date Opened: 11/25/20Room: 486

Date Closed: _____

NHEERL Animal Treatment Sheet

Species RabbitStrain NZWSex MaleID# TexClinical Diagnosis: Gastric Stasis

Treatment Route Volume Frequency

1. Lettuce 3x/day - 2x/day Lots of lettuce2. Carrots 2x/day3. Lots of hay4. Water Bottle on cage5. Monitor for amount of feces

Date	Time	Notes	Initials
		(6) <u>CALL LESLIE</u> cell in morning Thurs	
WED	11/25/20	→ I changed litter tray 10 AM	200 ml AM
		→ Give 200 ml saline SQ	
		+ 100 ml before you leave	
		→ How much did he eat? Ate AM lettuce	
		→ New feces + urine? Little feces noon	
		notes? NO urine noon	
		Gave lettuce at noon	
		Gave more hay	
		1:45 had urine in pan	NO feces
		Ate a little lettuce, NO pellets	
		4:00pm did not eat any more greens	
THURS	11/26/20	Feces in litter pan? yes some feces in manz.	
		Urine in litter pan? yes	
		Feed left? yes - some	
		call Leslie cell → yes	
		Comments? alert, eating hay & lettuce	
		gave a carrot, talked to	
		leslie, will check on him again	
		before I leave.	

AHR: 20143

Animal ID#: 101

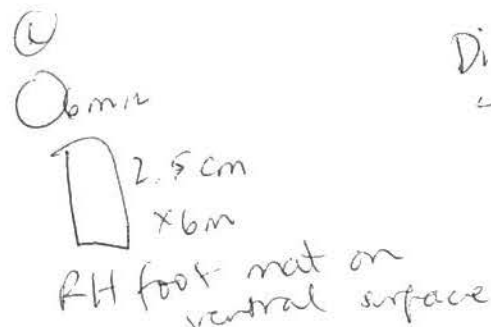
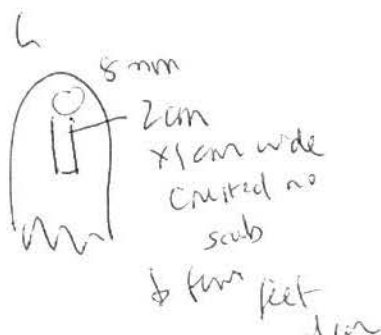
Room: A486-B

Investigator

	Date	Time	Notes	Initials
PLS	11/27/20	(PM)	Check for urine + feces Eating? Eating vegetables 2:00pm Drinking yes, yes urine + feces	
SAT	11/28/20		Is there urine + feces? yes few urine + feces in there <u>No blood</u>	
SUN	11/29/20		Is there urine + feces? yes SAME as yesterday <u>No blood</u>	
Monday	11/30/20		urine in navel feces navel no blood in urine Eating + Drinking, yes Gabe xtra greens	
Tuesday	12/1/20	9:30	urine in pan feces in pan Eating + Drinking	
wed	12/2/20	10:00AM	urine + feces in pan Eating + Drinking	

Rabbit- Tex #101

- Date 11/23/20
- Weight 4.20 kg
- Procedure= Sedation for recheck clip nails
 - **Midazolam 0.5 mg/kg IN SQ**
 - ☒ **Midazolam 0.75 mg/kg x 4.20 kg = 3.0 mg**
 - ☒ 3.0 mls at 11:56 AM
 - ☒ **Buprenorphine 0.01 mg/kg x 4.2 kg = 0.04 mg**
 - ☒ 0.04 mg x 1 ml / 0.3 mg = 0.13 ml SQ
 - ☒ 0.13 mls SQ at 11:56 AM
 - **Reversal (midazolam) Flumazenil at 0.1 mg/kg SQ IM**
 - ☒ **Flumazenil 0.1 mg/kg x 4.20 kg = 0.42 mg**
 - ☒ 0.42 mg x 1 ml / 0.1 mg = 4.2 approximately
 - ☒ **3 mls at** 12:25 PM
- Exam 10/19/20 Tex: Feet cleaner and more fur.
- Left hind foot= 5 mm circular alopecia
- Right hind foot= 2 cm x 4 mm rectangular area
- Clean fur on feet and hind end

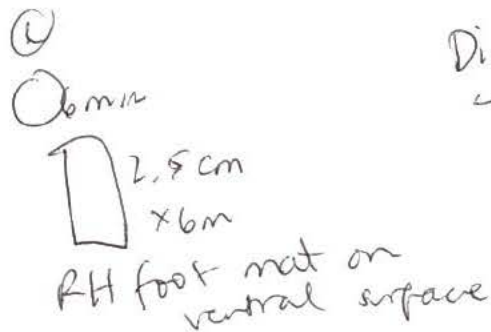


11:56 AM SQ, premed
 12:11 PM sedate > pretty sedate good level!
 Isoflurane 12:11 PM box
 very low reborn
 sedation deep

- **Doses** **TIME**
 - ☐ Saline= 100 mls/ kg/ day approx
 - ☒ 100 mls x 4.20 kg = 400 mls saline at _____
- **Notes**
 - 12:25 PM
 - 12:27 PM awake + sniffing
 - Awake + happy 12:32 PM
- ☒ Trim Nails
- ☒ Map lesions
- ☒ Recheck when? March - May
- ☒ Log midazolam
- Dirty
- mat on feet

Rabbit- Tex #101

- Date 11/23/11
- Weight 4.20 kg
- Procedure= Sedation for recheck clip nails
 - Midazolam 0.5 mg/kg IN SQ
 - ☒ Midazolam 0.75 mg/kg x 4.20 kg = 3.0 mg
 - ☒ 3.0 mls at 11:56 AM
 - ☒ Buprenorphine 0.01 mg/kg x 4.2 kg = 0.04 mg
 - ☐ 0.04 mg x 1 ml / 0.3 mg = 0.13 ml SQ
 - ☒ 0.13 mls SQ at 11:56 AM
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 - ☒ Flumazenil 0.1 mg/kg x 4.20 kg = 0.42 mg
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- Exam 10/19/20 Tex: Feet cleaner and more fur.
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- Clean fur on feet and hind end



11:56 AM SQ, premed
 12:11 PM sedate → pretty sedate good level!
 Isoflurane 12:11 PM box
 very low amount
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 - ☐ Saline= 100 mls/ kg/ day approx
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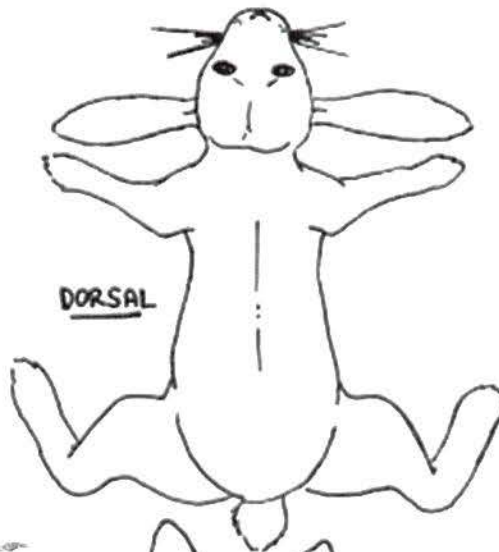
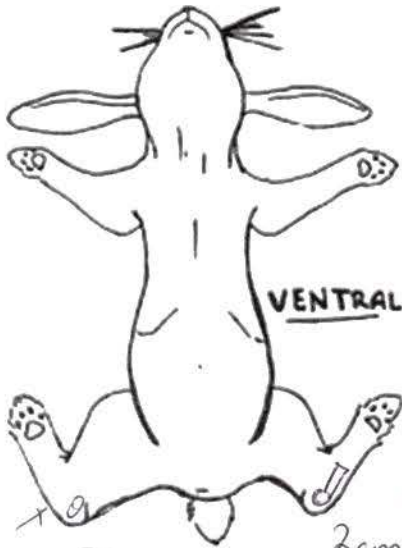
Buprenex

Dirty
 mats on feet

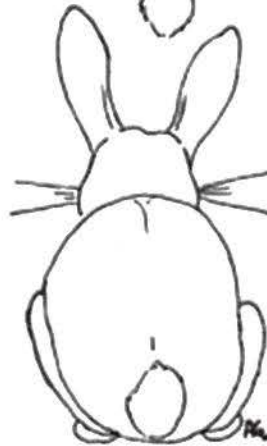
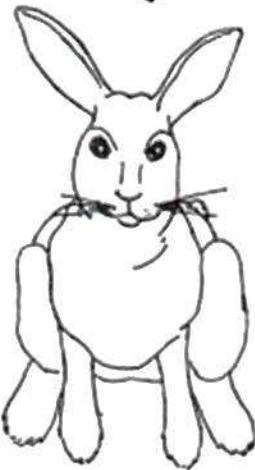
Dirty no roots
 5mm 4cm x 1mm
 LH
 2cm x 5mm
 RH 5mm

Tex 10/19/2020 Mon

★ exercise 3X/week + double side



5mm 19 2cm x 4mm R

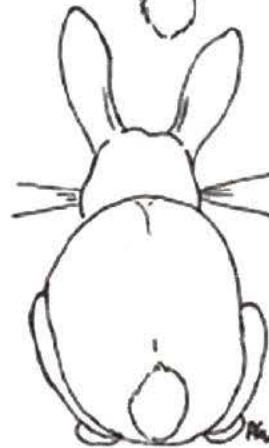
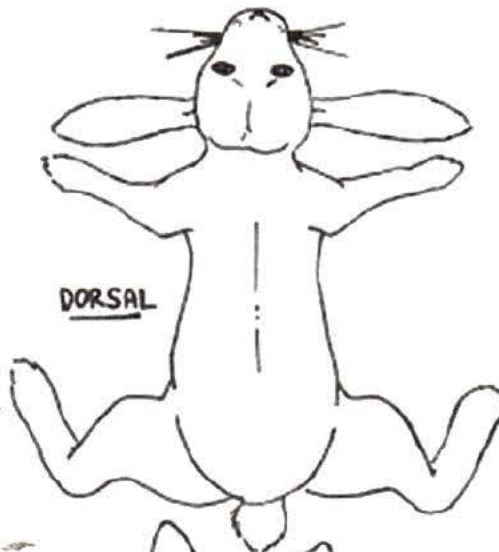
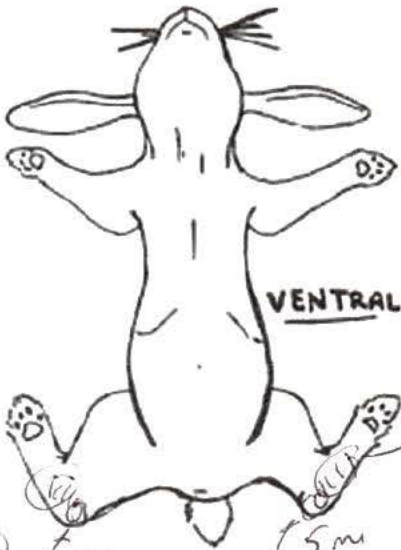
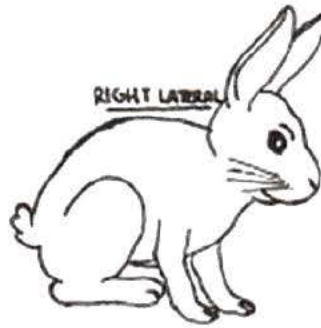


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Much improved - 50% improved
 cleaner fur
 sl. ant feces on tail
 but only fur

TEX

WED
8/26



Maxal Animal Clinic, Inc. 420 Ulukou Street, Kailua, HI 96734 808-262-9621

TEX 8/26/2020

4.42 kg

Last ✓ = 5/12/20
Mats - tail, hind legs

Red 1-2 months
Dirty feet +
alopecia



LOG TO
BUT
COPY

TEX

8/26/2020
25

RABBIT SEDATION AND ANESTHESIA

- Date 8/26/2020
- Rabbit name TEX
- Rabbit # _____
- Weight 4.22 kg
- Procedure clip/clean/rev/nails
- Options:
 - Midazolam 0.2- 0.5 mg/kg (max 1 mg/kg for profound sedation) with Buprenorphine 0.01- 0.05 mg/kg
 - Buprenorphine by itself 0.01- 0.05 mg/kg
 - Midazolam and buprenorphine and ketamine (ket at 2 mg/kg- 5 mg/kg)
 - Reversal (midazolam) Flumazenil at 0.05 to 0.1 mg/kg SQ IM IV
- Start at Midazolam 0.25 mg/kg and Buprenorphine 0.02 mg/kg
- VIN rabbit sedation- start at Midazolam 0.3 mg/kg and buprenorphine 0.03 mg/kg
 - Reversal- Flumazenil _____ mg/kg x _____ kg= _____ mg
 - _____ mg x 1 ml/ 0.1 mg= _____ mls

~~clip~~

~~clean~~

☒ Recheck / MAP

☒ nails

Plan

Rev 1-2 months

Dirty feet, alopecia

rectangular;

about the same

Doses

TIME

- ☐ Midazolam 0.1 mg/kg x _____ kg= _____ mg
 - ☐ _____ mg x 1 mg/ml= _____ ml AT _____
- ☐ Midazolam 0.2 mg/kg x _____ kg= _____ mg
 - ☐ _____ mg x 1 mg/ml= _____ ml AT _____
- ☐ Midazolam 0.3 mg/kg x _____ kg= _____ mg
 - ☐ _____ mg x 1 mg/ml= _____ ml AT _____
- ☐ Buprenorphine 0.01 mg/kg x 4.22 kg= 0.04 mg
 - ☐ 0.04 mg x 1 ml/0.3 mg= 0.13 ml AT _____
- ☐ Buprenorphine 0.02 mg/kg x 4.22 kg= 0.08 mg
 - ☐ 0.08 mg x 1 ml/0.3 mg= 0.27 ml AT _____
- ☐ Buprenorphine 0.03 mg/kg x 4.22 kg= 0.13 mg
 - ☐ 0.13 mg x 1 ml/0.3 mg= 0.42 ml AT _____
- ☐ Ketamine _____ mg/kg x _____ kg= _____ mg
 - ☐ _____ mg x 1 ml/ 100 mg= _____ ml AT _____
- ☐ Isoflurane at _____
- ☐ Saline= 100 mls/ kg/ day approx
 - ☐ 100 mls x 4.22 kg= 422 mls saline at _____ Admin ~ 100-200 mls SQ ☐

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Thursday, February 20, 2020 3:02 PM
To: [REDACTED]
Cc: Graff, Jaimie; [REDACTED]
Subject: RE: Rabbits - Updates from Feb 20 2020

Hi all,
Here are some updates on rabbit feet!

- **Tex # 101**

- Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg, Weight 11/18/19= 4.20 kg, Weight 2/20/2020= 4.10 kg.
 - Suspect dental disease, will continue to monitor.
 - 5/19= Mild to moderate Pododermatitis- Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock, Some mats inguinal
- Mild pododermatitis
 - 9/26/19= Medium amount of fur, dirty feet, pencil sized areas of alopecia at both point of hocks and rectangular area alopecia adjacent
 - 11/22/19= Mild alopecia about size of pencil eraser, no scabs, both hind feet, with small rectangular areas on pedal surface of both hind feet
 - 02/20/2020= Mild pododermatitis, hocks with rectangular area of very mild alopecia bilaterally, left hind has small scab on pencil eraser size alopecia at point of hock, feet furry and clean
- Recheck- early to mid- March

- **Leo #102**

- Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg, weight 11/25/19= 4.02 kg, Weight 02/18/2020= 3.90 kg.
- Mild pododermatitis
 - 5/23/19= Much cleaner. Both hind feet clean and furred, alopecia remains, no scabs
 - 9/26/19- well furred feet, clean, thin fur on left hind, Very mild pododermatitis
 - 11/25/19= Well furred on both feet, both feet clean, tiny spots of alopecia on points of hock only
 - 02/20/2020= Alopecia, very mild, rectangular shape near point of hock, both feet
- Mats on left hip and near tail- clip next week
- Concern re dental disease.
- Recheck March- April 2020

- **Jasper #104**

- Weight 08/09/18= 3.86 kg, weight 07/19/18 = 3.98 kg, weight 4/5/19 = 3.72 kg, Weight 3.66 kg, Weight 2/13/2020= 3.70 kg, 02/18/2020= 3.78 kg.
- Mild pododermatitis,
- 5/19= Fur on feet is clean and fluffy
 - Left hind alopecia about 3 mm diameter on point of hock
 - Right hind alopecia around 6 mm diameter at point of hock
 - 9/26/19= well furred clean feet, tiny alopecia area point of both hocks
 - 11/25/19= Very well furred, and clean, both feet, 1 small spot of alopecia on left hind foot
 - 02/13/2020= Both hind feet very clean and well furred, right hock small pencil eraser sized alopecia, barely visible
- Recheck end March- end April

- Trixie #105
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg, weight 4/11/19= 4.92 kg, 11/22/19 weight=, Weight 2/13/2020= 4.80 kg, 2/18/2020= 4.78 kg.
 - Mild – moderate pododermatitis
 - 5/23/19= Mats at tail, clipped. Left hind foot- fur is clean but thin, 3 mm alopecia area, right hind foot- fairly clean fur, small scab at point of hock, alopecia area larger than pencil eraser
 - 9/26/19- left hind has small amount alopecia and small scab at point of hock, right hind clean, mild alopecia
 - 11/22/19= Left hind foot furred, no alopecia, right hind foot has pink area of alopecia, no scabs
 - 02/13/2020= Fur is thin over a rectangle area on R hock. Pencil eraser size alopecia at both hocks. Fur is clean. Few small mats near tail. Clip mats next week.
 - Recheck March- April 2020
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg, Weight 4/5/19= 4.04 kg, Weight 11/25/19= 3.74 kg, Weight 2/13/2020= 3.80 kg, Weight 2/18/2020= 3.80 kg.
 - Mild pododermatitis
 - Feet are clean and well furred, mild alopecia size of pencil eraser, no scabs, at point of hock
 - 11/25/19= Hind feet both well furred and clean, mild pink alopecia on both points of hocks
 - 2/13/2020= Hind feet both well furred and clean, mild pink alopecia both points of hocks, smaller than pencil eraser
 - Recheck in March- April
 - Monitor weight.
- Wyatt Earp # 109
 - Weight 4/5/19= 3.36 kg, Weight= 11/22/19= 3.62 kg, Weight 02/18/2020= 3.70 kg
 - Mild pododermatitis
 - 5/19- Both hind feet have 3- 5 mm diameter circular alopecia lesions at points of hock
 - No scabs
 - 9/26/19- Left hind foot fur is dirty, mild alopecia less than diameter of pencil eraser both sides
 - 11/22/19= Very dirty fur on both feet, few mats rear legs and tail
 - 02/20/2020= Well furred and clean both hind feet, slight alopecia only over rectangular area on both hocks, superficial mats on right lateral knee and foot, clip next week
 - Increase exercise and time in pen
 - 12/19/19- isoflurane and oxygen anesthesia for clipping mats on tail base and rear legs
 - Recheck April
- Doc Holliday # 110
 - Weight 4/5/19= 3.20 kg, weight 11/22/19= 3.5 kg, Weight 3/18/2020= 3.64 kg.
 - Nervous- unable to check feet previously.
 - Continue- work on socializing to handling and exam
 - 11/22/19= finally able to check his feet for the first time! Great job! Right hind foot slightly pink, but well furred
 - 02/20/2020- Well furred, brief look only, but doing well with exam! Good job Al!! Few mats on tail. May need to anesthetize to clip mats.
 - Recheck next week for mats and recheck feet March- April.
- Johnny Ringo #111
 - Weight 4/5/19= 3.32 kg, Weight 11/25/19= 3.54 kg, Weight 2/13/2020= 3.34 kg, Weight 2/18/2020= 3.50 kg.
 - Very mild pododermatitis
 - Both hind feet have circular alopecia at point of hock, around 3-4 mm diameter

- 9/26/19- look great
- 11/25/19= Very well furred on both feet, was good with exam
- 2/13/2020= unable to examine feet.
- 2/20/2020= Unable to examine feet. Super nervous. Mats around tail base and under tail. Need to anesthetize to clip mats, and then work on handling more.
- Clip mats next week under anesthesia, recheck feet 1 month- 2 months.

- **Recommendations**

- Exercise pen;
 - All rabbits need 4+ hours in exercise pen, and 2 rotations per week
 - **For the exercise room, only use the irradiated hay from Bio-Serv**

- **Rabbit feed**

- Completely discontinue all Kaytee brand hay
- Use **only Oxbow hay** in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
- All rabbits should have **unlimited** grass hay= timothy, orchard grass, meadow grass

Thanks very much,
Leslie

From: Jarrell, Leslie

Sent: Friday, December 27, 2019 1:04 PM

Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: Rabbits - Updates from Nov 25 2019 and Dec 19 2019

Hi all,

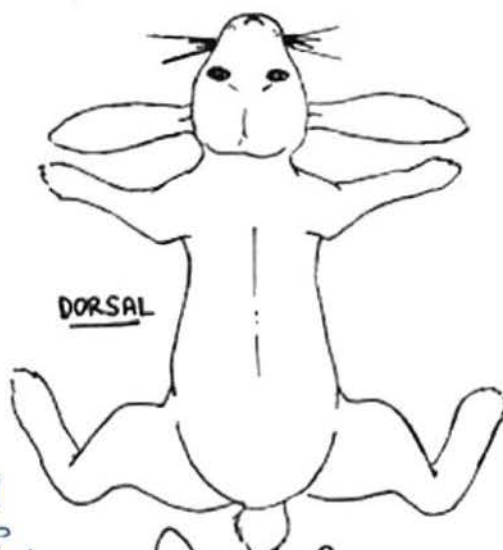
We did several rechecks in between too.

- Tex # 101

- Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg, Weight 11/18/19= 4.20 kg.
 - I had suspected some dental disease, will continue to monitor.
 - 5/19= Mild to moderate Pododermatitis
 - Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock, Some mats inguinal
- 9/26/19= Medium amount of fur, dirty feet, pencil sized areas of alopecia at both point of hocks and rectangular area alopecia adjacent
- 11/22/19= Mild alopecia about size of pencil eraser, no scabs, both hind feet, with small rectangular areas on pedal surface of both hind feet
- Recheck- early January

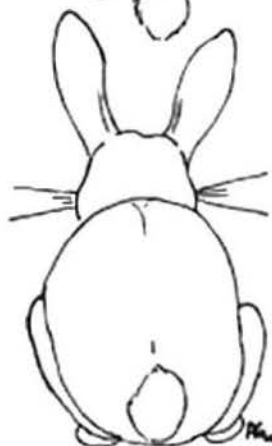
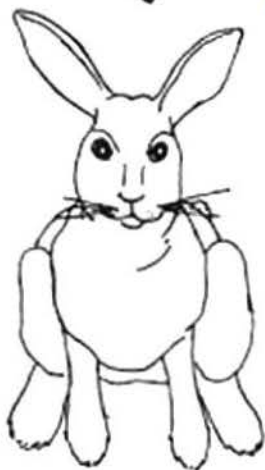
- Leo #102

- Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg, weight 11/25/19= 4.02 kg
- Mild pododermatitis



alopecia
rectangle

Small
scab
pencil
eraser
size



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4.10 kg

101 Tex 02/20/2020

Rev ~~7~~ 2 weeks

1 - 3 weeks

mild pododermatitis

AHR Number: 200241

Close Date: 11/30/20

Room: A 4186B

US EPA RTP Campus Animal Health Report

Number: 20024

Date Found: 01/30/20

Time Found: 10:35am

Found by:

Room: A486B

Investigator:

LAPR#: 22-04-001

Species/Strain: Rabbit/NZW

Sex: Male

DOB: 05/07/14

Bred:

Date Received: 11/05/14

Animal ID/Cage: Tex # 101

Abrasion on nose.

Fighting during exercise time (through play fence

Treatment Sheet Needed?

Yes ☐ No ☒

Date Completed _____

[illegible]

Rev 10-2019

LJ

BARH = Bright, Alert, Responsive, Hydrated

TAO = Triple Antibiotic Ointment

SID = Once daily; BID = Twice daily

ATTACH ANY TREATMENT SHEETS TO RECORD AFTER CLOSURE

Tex 101

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Friday, December 27, 2019 1:04 PM
To: [REDACTED]
Cc: Graff, Jaimie, [REDACTED]
Subject: RE: Rabbits - Updates from Nov 25 2019 and Dec 19 2019

Hi all,
We did several rechecks in between too.

- **Tex # 101**

- Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg, Weight 11/18/19= 4.20 kg.
 - I had suspected some dental disease, will continue to monitor.
 - 5/19= Mild to moderate Pododermatitis
 - Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock, Some mats inguinal
- 9/26/19= Medium amount of fur, dirty feet, pencil sized areas of alopecia at both point of hocks and rectangular area alopecia adjacent
- 11/22/19= Mild alopecia about size of pencil eraser, no scabs, both hind feet, with small rectangular areas on pedal surface of both hind feet
- Recheck- early January

- **Leo #102**

- Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg, weight 11/25/19= 4.02 kg
- Mild pododermatitis
 - 5/23/19= Much cleaner. Both hind feet clean and furred, alopecia remains, no scabs
 - 9/26/19- well furred feet, clean, thin fur on left hind
- Very mild pododermatitis now
- 11/25/19= Well furred on both feet, both feet clean, tiny spots of alopecia on points of hock only.
- Recheck end of January

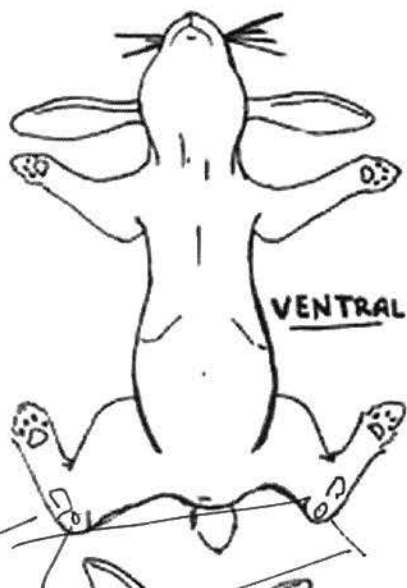
- **Jasper #104**

- Weight 08/09/18= 3.86 kg, weight 07/19/18 = 3.98 kg, weight 4/5/19 = 3.72 kg, Weight 3.66 kg
- Mild pododermatitis,
- 5/19= Fur on feet is clean and fluffy
 - Left hind alopecia about 3 mm diameter on point of hock
 - Right hind alopecia around 6 mm diameter at point of hock
- 9/26/19= well furred clean feet, tiny alopecia area point of both hocks
- 11/25/19= Very well furred, and clean, both feet, 1 small spot of alopecia on left hind foot
- Recheck end of January

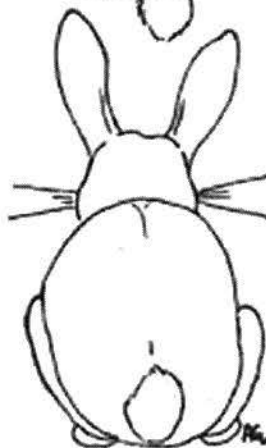
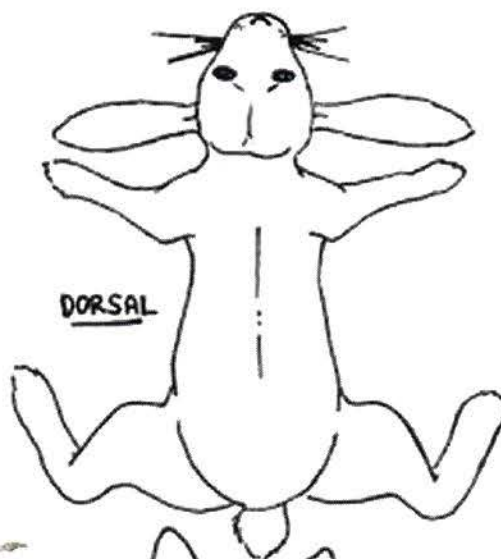
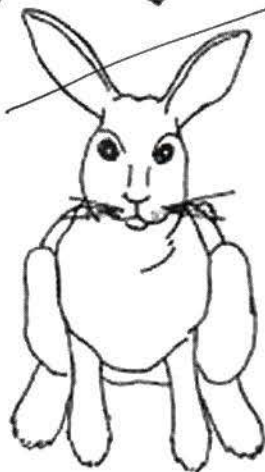
- **Trixie #105**

- Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg, weight 4/11/19= 4.92 kg, 11/22/19 weight=
- Mild – moderate pododermatitis
 - 5/23/19= Mats at tail, clipped. Left hind foot- fur is clean but thin, 3 mm alopecia area, right hind foot- fairly clean fur, small scab at point of hock, alopecia area larger than pencil eraser

- 9/26/19- left hind has small amount alopecia and small scab at point of hock, right hind clean, mild alopecia
 - 11/22/19= Left hind foot furred, no alopecia, right hind foot has pink area of alopecia, no scabs
 - Recheck early January
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg, Weight 4/5/19= 4.04 kg, Weight 11/25/19= 3.74 kg
 - Mild pododermatitis
 - Feet are clean and well furred, mild alopecia size of pencil eraser, no scabs, at point of hock
 - 11/25/19= Hind feet both well furred and clean, mild pink alopecia on both points of hocks
 - Recheck in end Jan
- Wyatt Earp # 109
 - Weight 4/5/19= 3.36 kg, Weight= 11/22/19= 3.62 kg
 - Mild pododermatitis
 - 5/19- Both hind feet have 3- 5 mm diameter circular alopecia lesions at points of hock
 - No scabs
 - 9/26/19- Left hind foot fur is dirty, mild alopecia less than diameter of pencil eraser both sides
 - 11/22/19= Very dirty fur on both feet, few mats rear legs and tail
 - Increase exercise and time in pen
 - 12/19/19- isoflurane and oxygen anesthesia for clipping mats on tail base and rear legs
 - Recheck early January
- Doc Holliday # 110
 - Weight 4/5/19= 3.20 kg, weight 11/22/19= 3.5 kg
 - Nervous- unable to check feet previously.
 - Continue- work on socializing to handling and exam
 - 11/22/19= finally able to check his feet for the first time! **Great job** Right hind foot slightly pink, but well furred
 - Recheck early January
- Johnny Ringo #111
 - Weight 4/5/19= 3.32 kg, Weight 11/25/19= 3.54 kg
 - Very mild pododermatitis
 - Both hind feet have circular alopecia at point of hock, around 3-4 mm diameter
 - 9/26/19- look great
 - 11/25/19= Very well furred on both feet, was good with exam
 - Recheck end of January
- **Recommendations**
 - Exercise pen;
 - All rabbits need 4+ hours in exercise pen, and 2 rotations per week
 - **For the exercise room, only use the irradiated hay from Bio-Serv**
- **Rabbit feed**
 - **Completely discontinue all Kaytee brand hay**
 - Use **only Oxbow hay** in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
 - All rabbits should have **unlimited** grass hay= timothy, orchard grass, meadow grass



mild
alopecia
perineal
eczema
no scabs



11/22/19

Maral Animal Clinic, Inc. 420 Uluolu Street, Kailua, HI 96734 808-262-6621

Tex 101

weight 4.20 kg 11/18/19

mild.

rechecked
1-2 months

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Friday, October 18, 2019 1:17 PM
To: [REDACTED]
Cc: Graff, Jaimie; [REDACTED]
Subject: RE: Rabbits - Updates from Sept 26 2019

Hi all,

We did several rechecks in between. Here are the latest rechecks. Will need to do a few rechecks early- mid Nov/ Dec.

- **Tex # 101**
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg.
 - I had suspected some dental disease, will continue to monitor.
 - 5/19= Mild to moderate Pododermatitis
 - Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock
 - Some mats inguinal
 - 9/26/19= Medium amount of fur, dirty feet, pencil sized areas of alopecia at both point of hocks and rectangular area alopecia adjacent
 - Recheck late Oct- early Nov
- **Leo #102**
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg
 - Mild pododermatitis
 - 5/23/19= Much cleaner. Both hind feet clean and furred, alopecia remains, no scabs
 - 9/26/19- well furred feet, clean, thin fur on left hind
 - Recheck end Nov
- **Jasper #104**
 - Weight 08/09/18= 3.86 kg, weight 07/19/18 = 3.98 kg, weight 4/5/19 = 3.72 kg
 - Mild pododermatitis,
 - 5/19= Fur on feet is clean and fluffy
 - Left hind alopecia about 3 mm diameter on point of hock
 - Right hind alopecia around 6 mm diameter at point of hock
 - 9/26/19= well furred clean feet, tiny alopecia area point of both hocks
 - Recheck Nov- Dec
- **Trixie #105**
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg, weight 4/11/19= 4.92 kg
 - Mild – moderate pododermatitis
 - 5/23/19= Mats at tail, clipped. Left hind foot- fur is clean but thin, 3 mm alopecia area, right hind foot- fairly clean fur, small scab at point of hock, alopecia area larger than pencil eraser
 - 9/26/19- left hind has small amount alopecia and small scab at point of hock, right hind clean, mild alopecia
 - Recheck mid- end Nov
- **Daisy #108**
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg, Weight 4/5/19= 4.04 kg
 - Mild pododermatitis
 - Feet are clean and well furred, mild alopecia size of pencil eraser, no scabs, at point of hock

- Recheck in end Nov
- Wyatt Earp # 109
 - Weight 4/5/19= 3.36 kg
 - Mild pododermatitis
 - 5/19- Both hind feet have 3- 5 mm diameter circular alopecia lesions at points of hock
 - No scabs
 - 9/26/19- Left hind foot fur is dirty, mild alopecia less than diameter of pencil eraser both sides.
 - Increase exercise and time in pen
 - Bathe well , especially left hind foot
 - Recheck Nov
- Doc Holliday # 110
 - Weight 4/5/19= 3.20 kg
 - Nervous- unable to check feet.
 - Continue- work on socializing to handling and exam
 - Recheck end Oct- mid Nov
- Johnny Ringo #111
 - Weight 4/5/19= 3.32 kg
 - Very mild pododermatitis
 - Both hind feet have circular alopecia at point of hock, around 3-4 mm diameter
 - 9/26/19- look great
 - Recheck Nov/ Dec.
- **Recommendations**
 - When the exercise pen is back up and running;
 - All rabbits need 4+ hours in exercise pen, and 2 rotations per week
 - **For the exercise room, only use the irradiated hay from Bio-Serv**
- **Rabbit feed**
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
 - All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass

Thanks very much,
Leslie

From: Jarrell, Leslie
Sent: Thursday, May 23, 2019 2:17 PM

Cc: [REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: Rabbits - Updates from April 19 2019

Hi all,
Rabbit notes! Exams were April 5 and 12, and 2 rechecks today on Leo and Trixie. A few others will get rechecks in the next few weeks.

- Dixie # 106
 - Weight 8/10/18= 4.70 kg, 07/19/18= 4.66 kg, Weight 4/11/19= 4.80 kg
 - Mild Pododermatitis
 - Left hind foot= fur loss on plantar surface, pencil eraser size circular alopecia, no scabs
 - Right hind foot, alopecia on plantar surface, larger than pencil eraser size circular alopecia on point of hock, no scabs
 - Recheck June
 - Exercise pen when available
 - Increase timothy hay
- Leo #102
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg
 - Mild pododermatitis
 - 4/12/19= Dirty fur on both hind feet, approx. 2 mm diameter alopecia areas on point of hock, no scabs
 - 5/23/19= Much cleaner. Both hind feet clean and furred, alopecia remains, no scabs
 - Recheck in about 2 months, July- Aug
- Trixie #105
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg, weight 4/11/19= 4.92 kg
 - Mild – moderate pododermatitis
 - 4/11/19= Fur is dirty around perineum and thighs, both hind feet have very dirty fur, left hind has a pencil eraser size area of alopecia at the point of hock.
 - 5/23/19= Mats at tail, clipped. Left hind foot- fur is clean but thin, 3 mm alopecia area, right hind foot- fairly clean fur, small scab at point of hock, alopecia area larger than pencil eraser
 - Recheck in June- May need anesthesia to clip down and wash fur on feet
- Tex # 101
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg.
 - Tex has had some weight loss but appears to be stable now.
 - I had suspected some dental disease, will continue to monitor.
 - Mild to moderate Pododermatitis
 - Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock
 - Some mats inguinal
 - Recheck June
- Jasper #104
 - Weight 08/09/18= 3.86 kg, weight 07/19/18 = 3.98 kg, weight 4/5/19 = 3.72 kg
 - Mild pododermatitis, Fur on feet is clean and fluffy
 - Left hind alopecia about 3 mm diameter on point of hock
 - Right hind alopecia around 6 mm diameter at point of hock
 - Feet well furred
 - Recheck June
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg, Weight 4/5/19= 4.04 kg
 - Mild pododermatitis

- Feet are clean and well furred, but Left hind has mild alopecia size of pencil eraser, no scabs, at point of hock
 - Right hind has alopecia in circular size approximately pencil eraser, no scab
- Recheck in June
- Wyatt Earp # 109
 - Weight 4/5/19= 3.36 kg
 - Mild pododermatitis
 - Both hind feet have 3- 5 mm diameter circular alopecia lesions at points of hock
 - No scabs
 - Recheck June
- Doc Holliday # 110
 - Weight 4/5/19= 3.20 kg
 - Nervous- unable to check feet.
 - Plan- work on socializing to handling and exam
 - Recheck June to socialize
- Johnny Ringo #111
 - Weight 4/5/19= 3.32 kg
 - Very mild pododermatitis
 - Both hind feet have circular alopecia at point of hock, around 3-4 mm diameter
 - Recheck June
- **Recommendations**
 - When the exercise pen is back up and running;
 - All rabbits need 4+ hours in exercise pen, once or twice a week
 - For the exercise room, only use the irradiated hay from Bio-Serv
- **Rabbit feed**
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
 - All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass

Thanks very much,
Leslie

From: Jarrell, Leslie
Sent: Thursday, December 20, 2018 3:35 PM

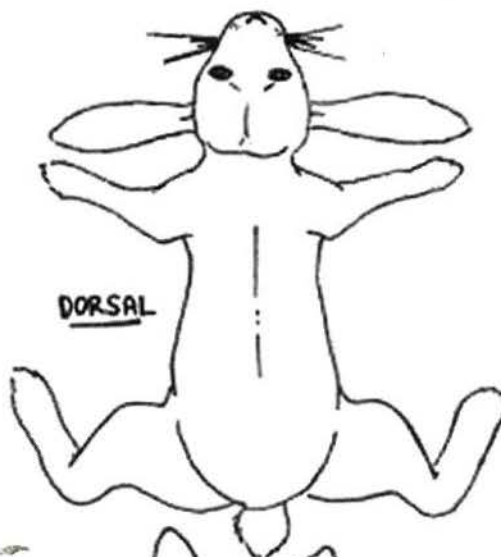
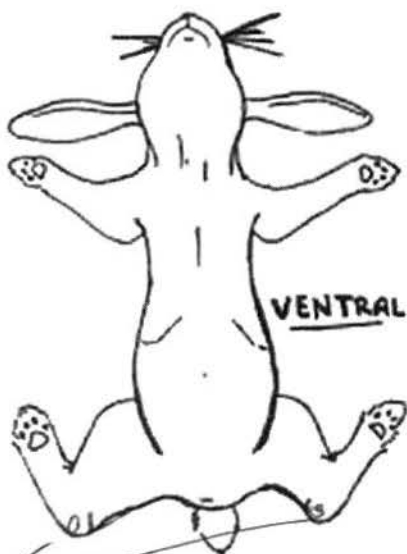
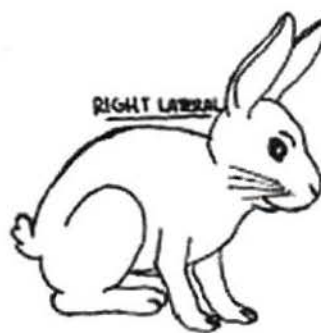
Cc:

Graff, Jaimie <Graff.Jaimie@epa.gov>;

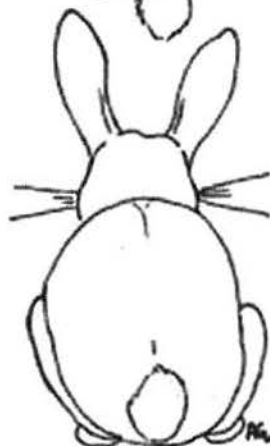
Subject: RE: Rabbits - Updates from Dec 20 2018

Hi all,

Tex 101



Small
area alpecia
well furred

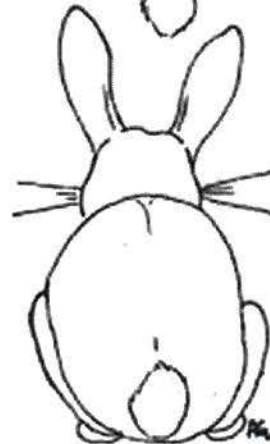
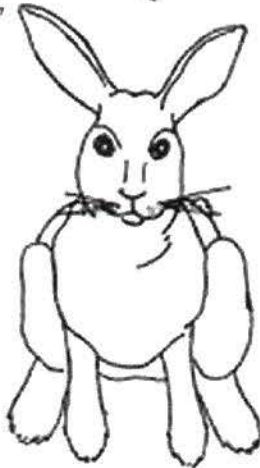
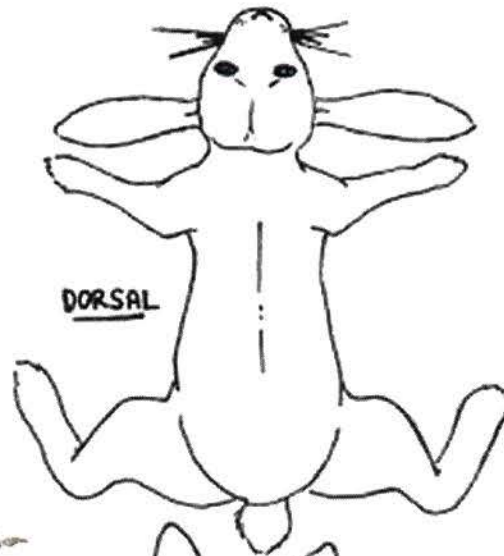
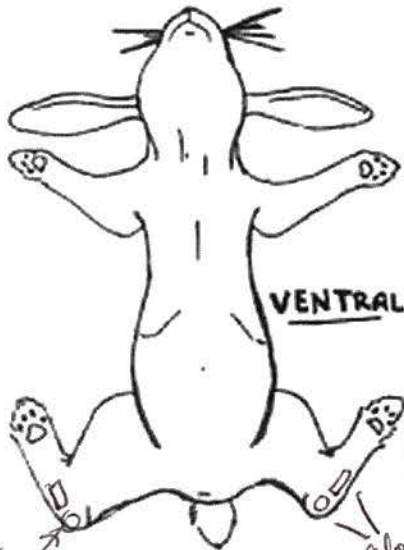
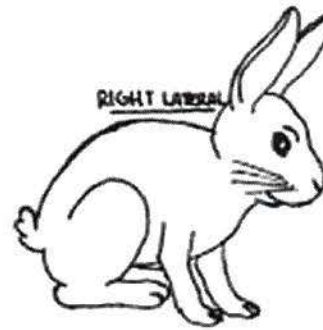
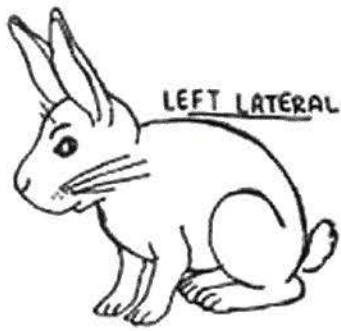


Maral Animal Clinic, Inc. 420 Ukulu Street, Kailua, HI 96734 808-262-9621

Tex #101 4/25/19 per

> Rev ~ 2 months

fev 9/25



(R)
 alopecia
 only
 dry + ding
 many mats
 &
 clipped
 off

(L)
 alopecia
 only

Makai Animal Clinic, Inc. 420 Uluolu Street, Kaliua, HI 96734 808-262-6621

Tex # 101 6/27/19 foot Rev
 Rev 1 month

Jarrell, Leslie

Tex 101

From: Jarrell, Leslie
Sent: Thursday, May 23, 2019 2:17 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie; [REDACTED]
Subject: RE: Rabbits - Updates from April 19 2019
Follow Up Flag: Follow up
Flag Status: Flagged

Hi all,

Rabbit notes! Exams were April 5 and 12, and 2 rechecks today on Leo and Trixie. A few others will get rechecks in the next few weeks.

- Dixie # 106
 - Weight 8/10/18= 4.70 kg, 07/19/18= 4.66 kg, Weight 4/11/19= 4.80 kg
 - Mild Pododermatitis
 - Left hind foot= fur loss on plantar surface, pencil eraser size circular alopecia, no scabs
 - Right hind foot, alopecia on plantar surface, larger than pencil eraser size circular alopecia on point of hock, no scabs
 - Recheck June
 - Exercise pen when available
 - Increase timothy hay
- Leo #102
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg
 - Mild pododermatitis
 - 4/12/19= Dirty fur on both hind feet, approx. 2 mm diameter alopecia areas on point of hock, no scabs
 - 5/23/19= Much cleaner. Both hind feet clean and furred, alopecia remains, no scabs
 - Recheck in about 2 months, July- Aug
- Trixie #105
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg, weight 4/11/19= 4.92 kg
 - Mild – moderate pododermatitis
 - 4/11/19= Fur is dirty around perineum and thighs, both hind feet have very dirty fur, left hind has a pencil eraser size area of alopecia at the point of hock.
 - 5/23/19= Mats at tail, clipped. Left hind foot- fur is clean but thin, 3 mm alopecia area, right hind foot- fairly clean fur, small scab at point of hock, alopecia area larger than pencil eraser
 - Recheck in June- May need anesthesia to clip down and wash fur on feet
- Tex # 101
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg.
 - Tex has had some weight loss but appears to be stable now.
 - I had suspected some dental disease, will continue to monitor.
 - Mild to moderate Pododermatitis
 - Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock
 - Some mats inguinal
 - Recheck June

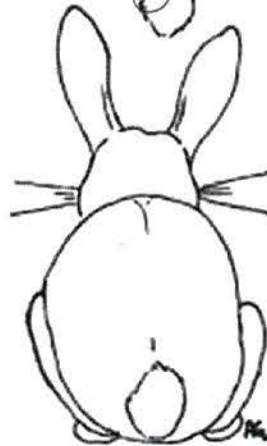
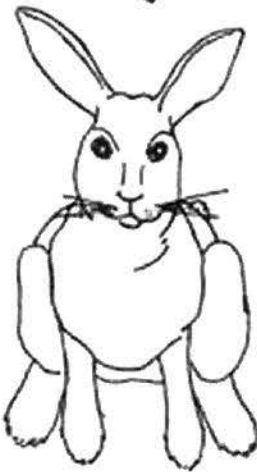
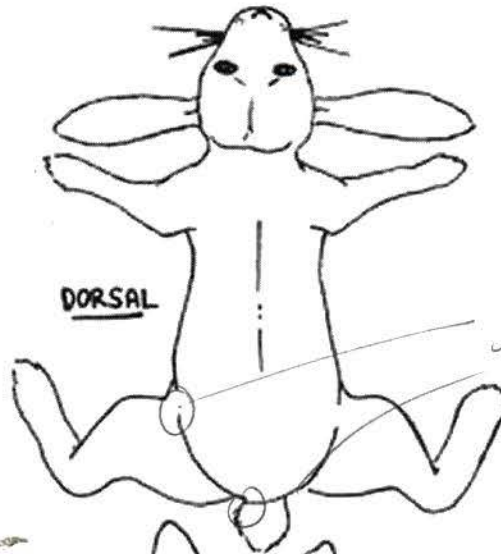
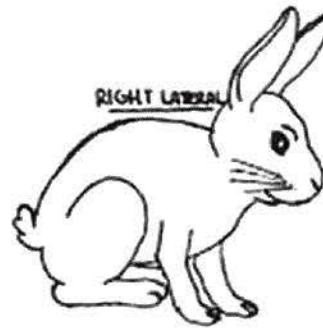
- Jasper #104
 - Weight 08/09/18= 386 kg, weight 07/19/18 = 3.98 kg, weight 4/5/19 = 3.72 kg
 - Mild pododermatitis, Fur on feet is clean and fluffy
 - Left hind alopecia about 3 mm diameter on point of hock
 - Right hind alopecia around 6 mm diameter at point of hock
 - Feet well furred
 - Recheck June
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg, Weight 4/5/19= 4.04 kg
 - Mild pododermatitis
 - Feet are clean and well furred, but Left hind has mild alopecia size of pencil eraser, no scabs, at point of hock
 - Right hind has alopecia in circular size approximately pencil eraser, no scab
 - Recheck in June
- Wyatt Earp # 109
 - Weight 4/5/19= 3.36 kg
 - Mild pododermatitis
 - Both hind feet have 3- 5 mm diameter circular alopecia lesions at points of hock
 - No scabs
 - Recheck June
- Doc Holliday # 110
 - Weight 4/5/19= 3.20 kg
 - Nervous- unable to check feet.
 - Plan- work on socializing to handling and exam
 - Recheck June to socialize
- Johnny Ringo #111
 - Weight 4/5/19= 3.32 kg
 - Very mild pododermatitis
 - Both hind feet have circular alopecia at point of hock, around 3-4 mm diameter
 - Recheck June
- **Recommendations**
 - When the exercise pen is back up and running;
 - All rabbits need 4+ hours in exercise pen, once or twice a week
 - For the exercise room, only use the irradiated hay from Bio-Serv
- **Rabbit feed**
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
 - All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass

Thanks very much,
Leslie

SMALL MAMMAL PATIENT EXAMINATION REPORT CARD

1. Coat/Fur & Skin Appears normal <input checked="" type="checkbox"/> Dull/Dry <input type="checkbox"/> Scaly <input type="checkbox"/> Scabs <input type="checkbox"/> Infection <input type="checkbox"/> Shedding <input type="checkbox"/> Matted <input type="checkbox"/> Tumors <input type="checkbox"/> Itchy <input type="checkbox"/> Hair Loss <input type="checkbox"/>		TESTS NEEDED: <input type="checkbox"/> Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology		RECOMMENDATIONS: Cage Change: <input type="checkbox"/> Bedding Change: <input type="checkbox"/> Change Type Diet Change: <input type="checkbox"/> Please see handout		Tech Initials: _____ Temp: <u>NE</u> Weight: <u>4.18kg</u>	
2. Eyes Appears Normal <input checked="" type="checkbox"/> Discharge <input type="checkbox"/> Inflamed <input type="checkbox"/> Infection <input type="checkbox"/> Eyelid Deformities <input type="checkbox"/> Ulcer: L. R. <input type="checkbox"/> Cataract: L. R. <input type="checkbox"/>		Appetite: <input checked="" type="checkbox"/> normal / increased / decreased Water Intake: <input checked="" type="checkbox"/> normal / increased / decreased Coughing: <input checked="" type="checkbox"/> No / Yes, Frequency: _____ Sneezing: <input checked="" type="checkbox"/> No / Yes, Frequency: _____		Urination: <input checked="" type="checkbox"/> normal / increased / decreased Attitude: <input checked="" type="checkbox"/> normal / abnormal Feces: <input checked="" type="checkbox"/> normal abnormal			
3. Ears Appears Normal <input checked="" type="checkbox"/> Inflamed: L. R. <input type="checkbox"/> Dirty <input type="checkbox"/> Mites <input type="checkbox"/> Tumor: L. R. <input type="checkbox"/> Infected <input type="checkbox"/> Excessive Hair <input type="checkbox"/> Painful <input type="checkbox"/>		Presented For: <u>Annual exam</u>					
4. Nose Appears Normal <input checked="" type="checkbox"/> Nasal Discharge <input type="checkbox"/> Other: _____		Historical Issues/ Medications: <u>mild pododermatitis</u>					
5. Mouth, Teeth, Gums Appears Normal <input checked="" type="checkbox"/> Broken Teeth <input type="checkbox"/> Tartar Buildup <input type="checkbox"/> Tumors <input type="checkbox"/> Overgrown Incisors <input type="checkbox"/> Inflamed Lips <input type="checkbox"/> Overgrown Molars <input type="checkbox"/> Periodontal Disease <input type="checkbox"/> Overgrown roots <input type="checkbox"/> Abscessed <input type="checkbox"/>		Current Diet: <u>Grass hay, Hi-fiber rabbit pellets, fresh veg</u>					
6. Legs & Paws Appears Normal <input checked="" type="checkbox"/> Joint Problems <input type="checkbox"/> Nail Problems <input type="checkbox"/> Lameness <input type="checkbox"/> Other: _____		Examination: <u>(S/D) BARE. MM pi + moist CRT ~ 1 sec.</u> <u>EGN clear. LN - wnl HR - 160, no murmurs or arrhythmias ausculted</u> <u>Abd quiet + soft; no masses palpated</u> <u>RR Sniffing; no crackles or wheezes ausculted - Jaws palpate symmetrical</u> <u>Feet → Hind -</u> <u>LH alopecia in 2 areas as in picture</u> <u>~ 6mm diameter → circle of pencil eraser</u> <u>RH - 8mm alopecia circle → point of heels</u>					
7. Heart Appears Normal <input checked="" type="checkbox"/> <u>160</u> Slow <input type="checkbox"/> Fast <input type="checkbox"/> Murmur <input type="checkbox"/> Irregular <input type="checkbox"/>							
8. Lungs Appears Normal <input checked="" type="checkbox"/> Coughing <input type="checkbox"/> Abnormal Sound <input type="checkbox"/> Congestion <input type="checkbox"/> Rapid Respiration <input type="checkbox"/> Dyspnea <input type="checkbox"/>							
9. Abdomen Appears Normal <input checked="" type="checkbox"/> Abnormal Mass <input type="checkbox"/> Enlarged Organs <input type="checkbox"/> Tense/Painful <input type="checkbox"/> Fluid <input type="checkbox"/> Swollen <input type="checkbox"/>							
10. Gastrointestinal System Appears Normal <input checked="" type="checkbox"/> Abnormal Feces <input type="checkbox"/> Stasis/Impaction <input type="checkbox"/> Parasites <input type="checkbox"/> Anorexia <input type="checkbox"/>							
11. Urogenital System Appears Normal <input checked="" type="checkbox"/> Abnormal Urination <input type="checkbox"/> Mammary Tumors <input type="checkbox"/> Genital Discharge <input type="checkbox"/> Abnormal Testicles <input type="checkbox"/>		<u>(A) mild pododermatitis</u> <u>(P) Rev 2-3 months, exercise per when available</u>					
12. Weight <u>4.18kg</u> Normal <input checked="" type="checkbox"/> Obese <input type="checkbox"/> Heavy By: _____ Thin By: _____		Doctor: Doctor's name, DVM <u>✓ feet</u> <u>2-3 months</u> Need: _____ In: _____ Days					
DIAGNOSIS OR PROBLEMS <u>mild pododermatitis</u>		PROGNOSIS _____		DIFFERENTIAL DIAGNOSIS _____		PLAN <u>rev</u>	
Today's Date: <u>4/11/19</u> Pet's Name: <u>Tex</u>		Chart #: <u>101</u> Last Name: _____		Species: <u>Rabbit / NZW</u> Color: <u>white</u>		DOB: <u>5/7/14</u> Sex: <u>MI</u>	

Tex 101



Maral Animal Clinic, Inc. 420 Uluolu Street, Kailua, HI 96734 808-262-9621

TEX

4/11/19

#101

4.18 kg

Tex

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Thursday, January 03, 2019 4:03 PM
To: [REDACTED]
Subject: FW: AHR #18160- rabbit - Tex #101 - AHR closed

FYI, Tex is doing well so far. Still concerned re weight, but will recheck. Hope you had a good New Years!
Thanks,
Leslie

From: Jarrell, Leslie
Sent: Thursday, January 03, 2019 4:02 PM

[REDACTED]
Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]
[REDACTED]

Subject: RE: AHR #18160- rabbit - Tex #101 - AHR closed

Hi all,
Tex continues to look good. Normal feces, urine, and appetite. Acting normally. I resolved his AHR for the lixit failure. Recheck in 4- 8 weeks regarding weight.
Thanks [REDACTED] for the rechecks on Tex!

Thanks,
Leslie

From: [REDACTED]
Sent: Monday, December 31, 2018 10:31 AM
To: Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]
[REDACTED]
Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]
[REDACTED]

Subject: RE: AHR #18160- rabbit - Tex #101 update- good news- 122818 4 pm

Tex looks good today. Normally interactive, bright and ambulatory while I examined him and cage. ~15-20 fecal pellets and evidence of urination in front right corner of pan. I checked the lixit and it is working fine. Water bottle is about 60% full. No appearance of skin tenting. Made these notes on the treatment sheet on door.

[REDACTED]
Associate Director, Division of Laboratory Animal Resources
Duke University Medical Center
[REDACTED]

From: Jarrell, Leslie <Jarrell.Leslie@epa.gov>

Sent: Friday, December 28, 2018 4:22 PM

Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: AHR #18160- rabbit - Tex #101 update- good news- 122818 4 pm

Hi all,

So far so good! He had more poop in his cage this afternoon. I placed a treatment sheet.

Thank you!

Leslie

From: Jarrell, Leslie

Sent: Friday, December 28, 2018 1:15 PM

Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: AHR #18160- rabbit - Tex #101 update- good news- 122818 noon

Yes he was. I'll send an update later today. He will have a treatment sheet on the door, just "check water bottle and how much he has eaten and pooped" basically.

Thanks again!

Leslie

From:

Sent: Friday, December 28, 2018 12:31 PM

To: Jarrell, Leslie <Jarrell.Leslie@epa.gov>;

Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: AHR #18160- rabbit - Tex #101 update- good news- 122818 noon

Poor boy was dehydrating

From: Jarrell, Leslie

Sent: Friday, December 28, 2018 12:29 PM

Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>

[REDACTED]
Subject: RE: AHR #18160- rabbit - Tex #101 update- good news- 122818 noon
Importance: High

Hi all,
Good news! [REDACTED] noted that all the water in Tex's water bottle was gone this morning. And he had eaten all of his feed pellets and his veg overnight. She suggested to check his lixit. It was not working at all! We checked all the other 5 rabbits in the rack, and all of their lixits worked fine.

[REDACTED] set up the other Lenderking rack, and we put Tex on that rack. I kept his water bottle up there to make sure he has 2 ways to get water, until he has caught up with normal pooping, urinating and eating. He also has a timothy hay "mat" on which I put a little alfalfa.

Before [REDACTED] discovery, [REDACTED] and I did Tex's exam. He was bright, alert and responsive. He has a number of mats on his legs and rump. Hind feet looked good- well furred, but a little dirty. He also has started to urinate on the cage door [REDACTED] noted that Peter rabbit used to do this too as he got older. Abdominal palpation- stomach soft, no masses palpated. Tex is thin over his ribs. Would like to possibly increase his pellets a little after the new year.

[REDACTED] will be on this weekend, and [REDACTED] on Jan 1st holiday, so that is good because they are the rabbits' people. Please call me with any problems. I'm going to keep the AHR on until he is eating and pooping normally.

[REDACTED] if it would be possible to check on the rabbits on Mon and Wed, that would be great. Mostly I pull litter trays and make sure they are nice and full of rabbit poop.

Thanks very much everyone. And great job [REDACTED]
Best,
Leslie

From: Jarrell, Leslie
Sent: Thursday, December 27, 2018 3:40 PM

[REDACTED]
Cc: Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: AHR #18160- rabbit - Tex #101

Sorry the issue isn't skin, it is "not eating as much".
Thanks,
Leslie

From: Jarrell, Leslie
Sent: Thursday, December 27, 2018 2:42 PM

[REDACTED]
Cc: Graff, Jaimie <Graff.Jaimie@epa.gov> [REDACTED]

Subject: AHR #18160- rabbit - Tex #101

Hi [REDACTED]
Thanks for talking with me about Tex today.

Number: 18160
Date Found: 12/27/18
Room: A486B
Investigator: [REDACTED]
LAPR#: 19-03-002
Species/Strain: Rabbit/ NZW
Sex: Male
DOB: 5/07/14
Bred:
Date Received:
Animal ID/Cage: Tex #101
Issue; skin

S: Yesterday ACS noted that Tex did not eat all of his pellets. He was friendly and bright. ACS changed his litter pan so we could monitor his poop and urine, and we gave him extra hay. He was eating hay well. Also ACS said he ate his carrot yesterday. I checked back today, and he did have some poop and urine in the litter pan. But not as much as I would have liked.

Today it looked like he ate his lettuce and hay. Still had more feed pellets in hopper than the other rabbits.

- History; Tex #101
 - From August- Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs
 - Increase time in exercise pen
 - Increase timothy hay
 - From November- Tex #101- Feet are clean and well-furred. Small alopecia areas at points of heels, smaller than pencil eraser diameter. You have to look for the alopecia areas. Very good improvement with Tex.

O: I took a look at him today and briefly palpated him. He's not painful on abdominal palpation, I wasn't able to get a full exam by myself. His weight has been around 4.1 kg for the past few months. He is friendly, responsive and hydrated. Also was eating hay. His fur on flanks is dirty.

A: Not eating as well, DDX- open. Usually if they have dental problems, they continue to eat pellets as they are easier to chew. He is eating hay but not pellets. So- diagnosis list is open.

P: I started him on a water bottle. I got a clean water bottle from the rat room and the sipper from the water bottle in the exercise room. He started drinking immediately and did not leave the water bottle. I'm not sure if he doesn't like his automatic waterer, or he is curious. Then I spoke with [REDACTED] Recommend to increase hay and add 1 handful of alfalfa hay per day too.

If he is still not quite right on Fri (tomorrow), if [REDACTED] may be able to possibly help me with an exam, that would be great.

I will be on call over the weekend. [REDACTED] will be on site on Mon and on call on Tues. [REDACTED] will be on site on Wed.

Tex

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Thursday, November 29, 2018 12:54 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie;
Subject: RE: Rabbits - Updates from Nov 29, 2018

Hi all,
Rabbit notes from today. Today [REDACTED] and I did rechecks for Dixie, Tex and Leo. Will continue rabbit feet checks next week and then exams on the 3 new rabbits the week after.

Thanks,
Leslie

- Rabbit feet
 - Very good improvement
 - [REDACTED] has done a great job
 - Dixie #106: Feet are clean and have more fur. Fur on tail and legs is not well-groomed, but no issues seen. No scabs on alopecia areas. Alopecia areas are on the points of each heel, and are approximately the diameter of a pencil eraser. Feet much cleaner and no scabs on alopecia means good improvement for Dixie
 - Tex #101: Feet are clean and well-furred. Small alopecia areas at points of heels, smaller than pencil eraser diameter. You have to look for the alopecia areas. Very good improvement with Tex.
 - Leo #102: Feet are well-furred and much cleaner- only slightly dirty. Alopecia areas at the points of heels are very small, around 1- 3 mm diameter, smaller than pencil eraser. You have to actually look for these alopecia areas, which is a good improvement.

From: Jarrell, Leslie
Sent: Thursday, October 25, 2018 12:16 PM

Cc: [REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: Rabbits - Updates from Sept 26, 2018

Hi all,
Rabbit notes from our last update! Exams were Sept 26, and rechecks are due again in the next few weeks.

- New rabbits
 - Doing well in rabbit room
 - [REDACTED] has started them in the exercise pens
 - He says they are very active in the pens
- Rabbit feed
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario

- All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass
- For the exercise room, only use the irradiated hay from Bio-Serv
- New horse barn non-slip mats for exercise room
 - Finally are manageable now that [REDACTED] has washed them
 - And [REDACTED] has cut the mats so they are easier to move as they are very heavy
 - Thanks [REDACTED] for all your work on them!
- Rabbit feet
 - Rechecked Sept 26, due for recheck in next few weeks
 - Overall there was good improvement
 - [REDACTED] has done very well with them
 - Briefly;
 - Dixie #106; dirty feet, some scabs alopecic areas, slightly improved. Would like more improvement with Dixie.
 - Tex #101- dirty feet, improved though because right foot has no scabs, and alopecia area is smaller than pencil erase. Left hind foot, still some scabs and redness, about size of pencil eraser area of alopecia. Would like more improvement with Tex.
 - Trixie #105 – Improved. Right hind foot- Clean, no scabs, no redness, pencil eraser size of alopecia at point of heel. Left foot, pencil eraser diameter size alopecia, but no scabs and slightly dirty.
 - Leo #102- Right hind foot mildly dirty, very small spot of alopecia, much smaller than pencil eraser size, left hind foot, clean, small area of alopecia at point of heel. Much improved.

Thanks very much,
Leslie

From: Jarrell, Leslie
Sent: Friday, August 31, 2018 2:46 PM

Cc [REDACTED]
Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: Rabbits - Updates Aug 31, 2018

Hi [REDACTED]
Hope all are well! Rabbit notes for today.

- Moving new rabbits to regular room
 - No sniffing or snuffling from the new rabbits
 - On Tues, they will have been here for 5 weeks
 - I've talked with [REDACTED] about moving the new rabbits into the regular room on Tuesday Sept 4
 - Watch for any issues
- New racks
 - Arriving Mon Sept 10
 - Once cleaned and set up, let's try them out ASAP
- Rabbit feed

- Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Oxbow has; timothy, orchard grass, meadow grass, mixtures and alfalfa
 - Please, if all hay could be ordered online, that would be best case scenario
 - For the exercise room, only use the irradiated hay from Bio-Serv
- New rabbits
 - One is still a little jumpy
 - Work on continuing to socialize to handling
 - Do **not** recommend having the new rabbits go into the exercise pen until they are easily picked up and "caught"
 - New rabbits can have 3- 4 handfuls of timothy hay/ day
 - If we got some alfalfa hay from Oxbow, they could have half a handful per day as well. Just a little, and only for the new rabbits
 - New horse barn non-slip mats for exercise room
 - Still smell like rubber
 - Waiting for the smell to dissipate
 - Thanks [REDACTED] for cleaning them!
 - Rabbit feet
 - Rechecked yesterday
 - Overall there was good improvement
 - [REDACTED] has done very well with them
 - Briefly; Dixie #106; dirty feet, red and alopecic areas, but improved from Aug 10. Tex #101- dirty feet, fur isn't very thick, but better than Aug 10 and scabs and alopecia have improved. Trixie #105 – still alopecia but feet are much cleaner and improved

Thanks very much,
Leslie

From: Jarrell, Leslie
Sent: Friday, August 10, 2018 12:17 PM

Cc: [REDACTED]
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]
[REDACTED]

Subject: RE: Rabbits - Updates Aug 10, 2018

H [REDACTED]
Rabbit foot rechecks from yesterday! Some progress, I'd like to see more progress though.

Briefly; Dixie #106 still #1 to watch for; dirty feet, scabbed, and has gained weight. Tex #101- dirty feet, also left hind leg on the lateral (outside) lower leg and thigh, but scabs slightly improved. Leo #102- better left hind, worse right hind. And Trixie #105 - not scabbed but alopecia bigger than pencil eraser diameter (~ 5 mm). Attached are their exam maps. [REDACTED] will apply topical silvadene to their feet as possible.

Jasper is about the same, and Daisy better, no scabs but still alopecia and gained weight.

The females have gained weight and the males have lost a little weight. I think [REDACTED] ordered more nonslip horse mats for the exercise room. [REDACTED] has been keeping them in there longer.

[REDACTED] noticed that the one brand of hay isn't as long-stem as the other, and falls through the holes so the rabbits can't eat it all. For now they will need quite a bit of hay to make up for the hay that falls through the holes and isn't accessible. When the new hay arrives, they can be switched to that hay instead. [REDACTED] has already ordered more Oxbow hay! Thanks all.

The new rabbits #109, 110, 111 seem to be settling in. They are now getting 2 handfuls of timothy hay per day. When the alfalfa hay comes in, they can each have 1 handful of alfalfa per day in addition to their timothy hay. Same amount of pellets.

Thanks,
Leslie

- Dixie #106
 - Weight 8/10/18= 4.70 kg, 07/19/18= 4.66 kg
 - Moderate Pododermatitis
 - Left hind and right hind - have scabs at point of heel, alopecia and erythema (reddened skin from irritation) and also alopecia and erythema on plantar surface both hind feet
 - Feet – not well furred, fur is dirty but no mats
 - Recheck 2- 4 weeks, increase time in exercise pen
 - Increase timothy hay given
- Tex #101
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs
 - Mild to moderate Pododermatitis
 - LH has alopecia on plantar surface and alopecia area around 4 mm at point of hock
 - RH has scabs at point of hock, around 4 mm diameter area of alopecia
 - Fur is dirty, but not matted
 - Some mats near tail base
 - Dirty fur on lateral (outside) side of left hind foot and leg
 - Recheck about 2- 4 weeks
 - Increase time in exercise pen
 - Increase timothy hay
- Leo #102
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg
 - Mild to moderate pododermatitis
 - Left hind foot- no scabs, but pink, and alopecia on point of hock
 - Right hind foot = dirty, no mats, and alopecia increased to 5 mm diameter on point of hock, no scab
- Trixie #105
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg
 - Mild pododermatitis
 - Left hind alopecia at point of hock and plantar surface, around 5+ mm diameter
 - Right hind alopecia at plantar surface, and alopecia around 5+ mm diameter at point of hock

- Jasper #104
 - Weight 08/09/18= 386 kg, weight 07/19/18 = 3.98 kg
 - Mild pododermatitis
 - Left hind alopecia about 2 mm diameter on point of hock
 - Right hind alopecia around 3 mm diameter at point of hock
 - Feet well furred
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg
 - Mild prododermatitis
 - Feet are clean and well furred, but RH has mild alopecia around 2 mm diameter at point of hock
- **Recommendations**
 - All rabbits need 4+ hours in exercise pen, once or twice a week
 - Increase Oxbow timothy hay for all rabbits
 - **Recheck all rabbits' feet in 2-4 weeks**

From: Jarrell, Leslie

Sent: Thursday, July 19, 2018 1:09 PM

Cc

Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: Rabbits - Updates July 19, 2018

Hi

Here are the rechecks on the rabbits' feet from today. Dixie and Tex will need the most time in the exercise pen. I've attached their exam map charts so you will know what I'm talking about.

- Dixie #106
 - Weight 4.76 kg, weight 07/19/18= 4.66 kg
 - Pododermatitis, LH and RH have scabs at point of heel, alopecia and erythema (reddened skin from irritation) and also alopecia and erythema on plantar surface both hind feet
 - Feet – not very well furred, fur is mildly dirty but no mats
 - Recheck 2 weeks, increase time in exercise pen
- Tex #101
 - Weight 4.36 kg, weight 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs
 - Pododermatitis
 - LH has alopecia on plantar surface and alopecia area around 4 mm at point of hock
 - RH has scabs at point of hock, arounda 4 mm diameter area of alopecia
 - Fur is not clean, but not matted

- Some mats near tail base
 - Recheck about 2 weeks
 - Increase time in exercise pen
- Leo #102
 - Weight 4.26 kg, weight 07/19/18= 4.22 kg
 - Mild pododermatitis, LH foot- small scabs and alopecia on point of hock, RH foot alopecia around 2-3 mm diameter on point of hock, very small scab
 - Jasper #104
 - Weight 4.2 kg, weight 07/19/18 = 3.98 kg
 - Mild pododermatitis, Left hind LH alopecia about 2 mm diameter on point of hock, RH alopecia around 3 mm diameter at point of hock
 - Feet well furred
 - Trixie #105
 - Weight 5.08 kg, weight 07/19/18= 4.66 kg
 - Mild pododermatitis, LH alopecia at point of hock, RH alopecia at plantar surface, small scab and alopecia around 4 mm diameter at point of hock
 - Daisy #108
 - Weight = 4.28 kg, weight 7/19/18= 4.28 kg
 - Mild prododermatitis, feet are clean and well furred, but RH has mild alopecia around 2 mm diameter at point of hock
 - **Recommendations**
 - All rabbits need 3-4 hours in exercise pen, once or twice a week
 - Increase hay for all rabbits
 - **Recheck all rabbits' feet in 2-4 weeks**
 - **Will need to hang a water bottle for each side of the exercise pen**

Thanks,
Leslie

From: Jarrell, Leslie

Sent: Thursday, July 12, 2018 2:05 PM

Cc: [REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: Rabbits - Updates July 2018

[REDACTED]
Here are the exams on the rabbits;

- Tex #101
 - Weight 4.36 kg
 - Mats tail base, hind legs
 - Mild pododermatitis with small scabs on both hind feet
- Leo #102

- Weight 4.26 kg
- Mild pododermatitis, small scabs only on right hind foot, alopecia only on left hind foot
- Jasper #104
 - Weight 4.2 kg
 - Mats near tail base
 - Feet well furred
 - Very mild pododermatitis, alopecia on both hind feet
- Trixie #105
 - Weight 5.08 kg
 - Feet well furred
 - Mild pododermatitis, small scab and alopecia left hind foot, alopecia only on right hind foot
- Dixie #106
 - Weight 4.76 kg
 - Feet well furred, clean
 - Very mild pododermatitis, alopecia on both hind feet
- Daisy #108
 - Weight = 4.28 kg
 - Hind feet were well-furred, no mats, no alopecia
- **Recommendations**
 - All rabbits need 3-4 hours in exercise pen, once or twice a week
 - Increase hay for all rabbits
 - **Recheck all rabbits' feet next week.**

Thanks,
Leslie